Amiga Workshop: Imagine • Soundlab • Wired World plus: Surf of the Month

CU AMIGA MAGAZINE

CD-ROM edition
(3.5 DD disk edition also available)

November 1996 £5.99 US$13.50 • L22,500 • ASCH235 • BFR 520 • DM 25.00

CHAOS ENGINE 2

EXCLUSIVE FIRST LOOK!

Best two player game ever?

DOpus 5.5

A genuine replacement for Workbench?

PLUS!

Amiga on the move

Linking your Amiga to Psion's palmtops

Which Browser?

Ibrowse and AWeb-II tested

DELFINA

The ultimate 16-bit sound card

On your CD-ROM:

- X-CAD 2000, the professional's computer aided design package
- Zillions of MIDI files
- Readers' programs

Plus!

Games, demos and more ...

No CD–ROM? Ask your Newsagent NOW!

Late Night Opening
Wednesday & Thursday
till 7.30pm

Open Sunday
11am to 4pm

FIRST
COMPUTER CENTRE

HOW TO ORDER

Order by telephone quoting your Credit Card Number. If paying by cheque please make payable to: "FIRST COMPUTER CENTRE"
In all correspondence please quote a Phone No, Post Code & Dept. Allow 5 working days cheque clearance

SHOWROOM ADDRESS:
DEPT. CU, UNIT 3, ARMLEY PARK
COURT, STANNINGLEY RD,
LEEDS, LS12 2AE.

Lombard Tricity low rate finance now available, call.

LOW COST DELIVERY

●2-4 Week Days	£3.99
●Next Week Day	£5.99
●Saturday delivery	£20.00

Delivery subject to stock availability
- ●All prices include VAT @ 17.5%
- ●Large showroom with parking
- ●Multi-million pound company
- ●Overseas orders welcome
- ●Educational purchase orders welcome

OPEN 7 DAYS A WEEK

Prices are correct at the time of going to press. Please check our latest prices before ordering. All sales are subject to our standard terms & conditions(copy available upon request). E&OE.

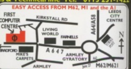
Telephone 0113 2319444

24 HR MAIL ORDER SERVICE FAX: 0113 231-9191
NEW! BBS Sales & Technical line Tel: 0113 231-1422
E-Mail sales@firstcom.demon.co.uk
www.demon.co.uk/firstcom

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.

EASY ACCESS FROM M62, M1 and the A1



From M62East Join M1 From the M1 follow signs onto M621. Take A643 Elland Rd turnoff from M621. Follow signs for A58. This merges with the Armley gyratory From M62West Junction 27, A62 to Armley gyratory. From the A1 take the turnoff for A64. This merges with the A58 (by-passing town centre) which meets Armley gyratory.

Hardware

Amiga A1200 MagicPack

Includes, Wordworth V4SE, Datastore, Organiser, Turbocalc 3.5, Personal Paint V6.4, Photogenics 1.2SE, Pinball Mania & Whizz.

Very Limited Stocks Available, Early Purchase Recommended **£369.99**

Amiga A1200 Magic Pack Inc.170Mb HD & Scala MM300

Includes same software pack as Magic Pack, But also includes Scala MM300(Req. 4Mb).

£469.99

AMIGA M1438S Monitor Only!! *£285.99 When bought with a computer

First Starter Pack

- A1200 dust cover
- 10 x DSDD disks + labels
- Top quality joystick
- Deluxe mouse mat
- 3 x A1200 games

All for only **£19.99**

AMIGA A4000T

- 1.2 Gig SCSI Hard Drive
- 6Mb of 32-bit Ram
- Scala MM-300 Installed
- Kickstart 3.1

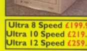
68040-25Mhz
£2089.99

CD ROM Drives

NOW ONLY £99.95

RENO Portable CD ROM Only...£99.99 Req. SCSI controller
- ●SCSI-2 connector
- ●330k/sec data transfer,
- ●Battery or Mains powered
- ●Stereo headphones supplied
- ●180ms Access Time
- ●Audio CD operation buttons
- ●Kodak multi-session CD

Ultra CD ROM Drives



Ultra 8 Speed	£199.99
Ultra 10 Speed	£219.99
Ultra 12 Speed	£259.99

Quick & easy to install, very fast.

Internal SCSI CD ROM drives

Toshiba 5401B x4 Speed	£104.99
Toshiba 3701B x6.7 Speed	£182.99
NEC CDR-1410 x8 Speed	£197.99

Toshiba drives are shorter than std. drives & so fit inside the old A4000 Desktop case.

SCSI Controllers

Squirrel SCSI-II Interface	*£45.00
Surf Squirrel SCSI-II Interface	*£79.99
GVP 4008+ / Oktagon SCSI-II controllers	£99.99

*When bought with any HD/CD ROM drive, £54.99 if bought separate
SCSI-II/RAM Interface cards for big box Amiga's, A4000/A2000 etc.

Hard Drives

3.5" Hard Disk Drives

IDE		SCSI	
540Mb...	£117.99	1.08Gig..	£235.99
850Mb...	£120.99	2.1 Gig..	£345.99
1.08Gig.	£152.99	4.3 Gig..	£797.99
2.1 Gig..	£249.99	9.1 Gig.	£1599.99

External Hard Drives for all SCSI aware Amiga's

840Mb £239.99 1.2Gig £314.99

Inc. High quality SCSI-II Quantum mechanism with a 10ms access time, Internal PSU, SCSI ID selector, Cooling fan, and HD prepping/partitioning software. Requires SCSI interface, ie. Squirrel/GVP additional adaptor may be req. @ £15.99

2.5" Hard Drives for A600/A1200 with installation kit

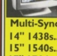
inc. software, screws, cables and instructions

Seagate FUJITSU CONNER

80Mb....	£84.99	130Mb....	£99.99
170Mb..	£104.99	250Mb..	£119.99
340Mb..	£129.99	540Mb..	£159.99
810.......	£214.99	1.0Gig..	£299.99

3.5" Hard Drive install kit £18.99
Includes set up software, cables and full instructions, no Hard Drive.

Monitors



New!!

MSI

Multi-Sync Monitors

14" 1438s......	£289.99
15" 1540s......	£349.99
17" 1764........	£579.99

Disk Drives

Zip Drive

- ●Includes:-
- ●1 X 100Mb cartridge

£147.95

Iomega Jazz drive £440.99
●SCSI I/face & adaptor may be required at an extra cost.
Zip Tools Driver Software Suits Zip & Jazz Drives..........£16.99

Syquest EZ-135	£105.99
Additional Cartridges........	£17.99
Amiga External drive	£49.99
A1200/600 internal drive	£39.99
A500/500+ Internal drive	£39.99

Squirrel I/face

Squirrel SCSI

New

Surf Squirrel

- Hi speed serial port
- SCSI-II interface
- Autobooting HD

from *£79.99 *If purchased with any modem
If purchased separately £99.99

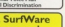
Squirrel

- SCSI-II interface

From only *£45.00 *If purchased with SCSI device
£54.99 if purchased separately

SupraFAXModem Modems USRobotics

Sportster Vi



- ●14,400 Data/14,400 Fax £98.99
- ●33,600 Data/14,400 Fax £161.99

●Class 1 Fax ●Personal Voice Mail ●Fax on Demand ●Call Discrimination

Amiga SurfWare software pack

The complete software suit for all your Modem needs.
●Net Software ●Web Browser ●E-mail ●IRC....Only **£29.99**
Also Includes:-
30 Days Free Trial with Demon

GP Fax Software.....only **£44.99**
Full Send and Receive Fax Software for Amiga Computers with a Fax/Data Modem.

PRIMA V34 Fax Modem

Amazing Price/Performance
●28.8 Baud Rate ●Class 1 Fax ●BABT & CE approved.

Only...£113.99

Complete with cables & Amiga N-comm Software

Amiga SurfWare bundle when purchased with any Modem only...£19.99

Modem Accessories

Phone Line Extension Cables...
5M. £6.99 10M. £8.99 15M. £10.99
Dual Socket Adaptor..........£6.99

RAM Expansion/Accelerators

PRIMA A1200 RAM Expansion

A1200 1 MB RAM *Special price!!*	£69.99
A1200 2 MB RAM	£74.99
A1200 4 MB RAM	£89.99
A1200 8 MB RAM	£119.99
A1200 1MB/33Mhz Co Pro	£99.99
A1200 2 MB/33Mhz Co Pro	£109.99
A1200 4 MB/33Mhz Co Pro	£124.99
A1200 8 MB/33Mhz Co Pro	£149.99

MASSIVE PRICE REDUCTIONS

2 Mb 72 Pin SIMM	£14.99
4 Mb 72 Pin SIMM	£19.99
8 Mb 72 Pin SIMM	£39.99
16 Mb 72 pin SIMM	£94.99
1Mb 30 pin SIMM	£13.99
256x4 DRAM	(each)£4.99

Accelerator Cards

POWER VIPER GOLD

Blizzard 1230-50Mhz	£169.99
Up to 128Mb RAM, FPU Socket & R/T clock	
Viper II-50	£199.99
Up to 128Mb RAM, FPU Socket & R/T clock	
Viper II-33	£129.99
Up to 128Mb RAM, FPU socket & R/T Clock	
Blizzard 1260-50	£579.99

A500/600 RAM Expansion

PRIMA A500 512k RAM no clock	£19.99
PRIMA A500+ 1 Mb RAM	£29.99
PRIMA A600 1 Mb RAM no clock	£29.99

Part exchange available on your old memory.

Printers

Canon

Canon BJ30	£138.99
Portable mono printer, 30 page ASF built in.	
Canon BJC70Colour	£187.97
Portable colour printer, 30 page ASF.	
Canon BJ210	£143.99
Mono printer, 720x360dpi, colour upgradeable	
Canon BJC4100Colour	£222.99
High quality colour/fast mono printing 360 dpi.	
Canon BJC610 Colour	£344.99
720 x 720 dpi, near photographic quality	
Canon LPB 460	£279.99
Windows 95 only, GDI Laser printer.	

star MICRONICS

Star LC90 9 pin mono	£79.99
ASF built in, push tractor optional.	
Star LC240 24 pin mono	£93.99
192 cps draft, with ASF built in.	
Star LC240C 24 pin Colour	£108.99
ASF built in, 4 LQ fonts.	
Star SJ144 Colour	£183.99
Colour thermal transfer printer, low running costs, 3 p/p/m mono, 1.4 p/p/m colour.	

New Low Prices

CITIZEN COMPUTER PRINTERS

All Citizen printers have a 2 year warranty

ABC Colour printer	£129.99
Simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £34.99	
Citizen Projet IIc	£164.99
300x300 dpi Colour Inkjet printer, 70 sheet Auto sheet feeder, HP Deskjet emulation.	

HEWLETT PACKARD

HP340 Portable	£189.99
Colour upgradeable portable printer	
HP600	£179.99
Colour upgradeable mono ink jet/ Col. Kit £41.99.	
HP 660 Colour	£278.99
New colour inkjet from HP.	
HP870 Colour	£395.99
600x600 dpi up to 6 p/p/m mono, 3p/p/m colour	
HP 5L Laser printer	£369.99
4 p/p/m 600 dpi	
HP 5P Laser printer	£645.99
6 p/p/m 600 dpi	

EPSON

Stylus 500 Colour	£282.99
720 dpi, 4ppm Black, 2ppm Colour.	
Stylus Colour IIs	£166.99
720dpi, 2.5ppm Black, 1ppm Colour.	
Stylus 820	£132.99
720 dpi, 2.5ppm Black, Colour Upgradeable.	
Stylus Pro	£386.99
720x720 dpi, Photo-Real quality output.	
Epson LX300	£121.99
9 Pin Dot Matrix, Colour Upgrade Kit £34.95	
Epson LQ300	£107.99
24 Pin Dot Matrix, Colour Upgrade Kit £37.95	

Miscellaneous

Printer Switch Box 2 way	£12.99
Printer Switch Box 3 way	£17.99
Printer Stands (Universal)	£4.99
1.8 Metre printer cable	£4.99
3 Metre printer cable	£6.99
5 Metre printer cable	£8.99
10 Metre printer cable	£12.99
Parallel port ext. cable	£9.99

Studio 2 New version 2.11
"If you want to get the best possible results from your printer, get a copy of Studio".
£49.95 or £44.95 when purchased with a Printer.

Consumables

Ribbons

Citizen Swift/ABC mono	£3.99
Citizen Swift/ABC colour	£12.99
Star LC90 mono ribbon	£4.99
Star LC10/100 mono	£3.69
Star LC10/100 colour	£7.99
Star LC240c colour	£13.99
Star LC240c mono	£8.99
Star LC240 mono	£5.99
Star LC24-10/200/300 Colour	£13.99
Re-Ink Spray for mono ribbons	£11.99

PREMIER-INK Cartridge Refills

Save a fortune in running costs with your ink/bubble jet. Compatible with the HP Deskjet series, Canon BJ10/20/80/130/200/300/330, Star SJ48, Citizen Projet and many others.
Full range of colours available.

Single refills	(22ml)	£6.99
Twin refills	(44ml)	£12.99
Three colour kit	(66ml)	£19.99
Full colour kit	(88ml)	£27.99
Bulk refills	(125ml)	£24.99

Laser Printer Supplies

Hewlett Packard Laserjet 5L	£65.99
Hewlett Packard Laserjet 5P	£75.99
Hewlett Packard Laserjet 4L	£68.99
H. Packard L.jet 4/M/5/M/N	£99.99
Canon LPB-460 Toner	£79.99

Laser printer supplies for all major manufacturers available......Call.

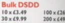
Ink Cartridges

Canon BJ10/Star SJ48	£17.99
Canon BJ200/230	£18.99
Canon BJ30 (3 pack)	£12.99
Canon BJC 70 mono (3 pack)	£10.99
Canon BJC 70 colour (3 pack)	£17.99
Canon BJC 4000 colour (single)	£16.99
Canon BJC 4000 mono (single)	£6.99
Canon BJC 4000 mono high cap.	£28.99
Canon BJC 600e mono/col.	£8.99/£7.99
Citizen Printiva mono/col.	£5.99
HP. Deskjet 340 mono	£21.95
HP.Deskjet 500 mono/col.	£22.99/£24.99
HP. Deskjet 660 mono/col.	£23.99/£25.99
HP. Deskjet 850C mono/col.	£27.49/£28.99
Epson Stylus mono/col.	£13.99/£27.99
Epson Stylus Col. IIs mono/col.	£17.99/£24.99
Epson Stylus 500 mono/col.	£16.99/£24.99
Star SJ144 mono/colour (single)	£7.99
Printer Dust Covers	£5.99

Paper

Fanfold (tractor feed) 500 sheets	£6.99
Fanfold (tractor feed) 1000 sheets	£12.49
Fanfold (tractor feed) 2000 sheets	£21.49
Single sheet 500 sheets	£6.99
Single sheet 1000 sheets	£12.49
Single sheet 2000 sheets	£21.49
Epson Stylus 720 dpi paper pack	£13.99
H.Packard Glossy paper pack (10)	£9.99
High quality Inkjet Paper (500)	£10.99

Disks



Bulk DSDD	
10 x £3.49	100 x £26.99
30 x £9.99	200 x £49.99
50 x £14.99	500 x £114.99
Branded DSDD	
10 x £4.99	100 x £41.99
30 x £13.99	200 x £76.99
50 x £21.99	500 x £175.99
Bulk DSHD	
10 x £3.99	100 x £29.99
30 x £10.99	200 x £55.99
50 x £16.99	500 x £129.99
Branded DSHD	
10 x £5.99	100 x £44.99
30 x £15.99	200 x £82.99
50 x £23.99	500 x £189.99
Disk labels x500	£6.99
Disk labels x1000	£9.99

Video

Quantum rombo

VIDI Amiga 24 (RT)+

Colour Real Time Amiga video capture system

- Composite & SVHS inputs.
- Time Lapse remote grabbing.
- BMP,TIFF & PCX File Support.
- Load/Save 24 Bit ILBM & Anims

£139.99

VIDI Amiga 24 (RT) Pro

Professional Colour Real Time Amiga video capture system

- Composite & SVHS inputs.
- 16.7 million colour grabbing.
- BMP, TIFF, PCX, ANIM, ILBM.
- Processing controls & effects

£219.99

Pro-GRAB SVHS 24RT Plus

- Compatible with VHS & SVHS.
- Save & load in multiple file formats
- Support for virtual memory
- Additional teletext facilities
- Large preview window

Req. kickstart 2.04 & 1.5Mb free memory

for only..... £129.99

Genlocks

hama

Genlock 290

- Full fading of mixed graphics
- 2 ergonomically designed fader
- High quality output signal
- Independant power supply

£639.99

Genlock 292

- Full fading of mixed graphics
- Fade to black of output signal
- Demonstration software inc.
- Independant power supply

£264.99

A-Cut

- Video edit controller
- Works on Kickstart 2.0 and above
- Scenes defined, sequenced/exchanged
- Independant power supply

£99.99

Fusion Genlock

- Comes with Scala HT100
- 92% Amiga Shopper June 95
- Composite only Genlock

Only!! £99.99

Entry level Genlock

Graphics

New!! Epson GT-5000

- A4 Flatbed scanner
- 300 dpi optical scan resolution
- Inc. PC Editing & OCR software

£399.99

NB: The Amiga range of computers req. additional driver software and a Bidirectonal parallel cable.

Epson GT-8500

- Bi-directional Parallel & SCSI Interface
- A4 Flatbed scanner
- 400 dpi optical scan resolution
- 3200 dpi output resolution

EPSON scanners

Only..£529.99

Epson GT-9000

- Bi-directional Parallel & SCSI Interface
- A4 Flatbed scanner
- 600 dpi optical scan resolution
- 4800 dpi output resolution

£695.99

Epson Flatbed Scanner Software & Cable...£49.99

Hand Scanners

Power Scan v4. £89.99
256 g/scale on AGA Amigas, 64 g/scale non AGA

Power Scan Col. £174.99
24 bit colour scanner, 16.7 million colours

Graphics Software

New Photogenics 2 CD

24-Bit
Graphics Manipulation
Requires 2chip/4 fast RAM minimum, Hard Disk & CD Rom Drive, K.start 3.0 or higher.
only!! £89.99

Cinema4D

£169.99

Amiga Ray-Tracing software

Req. 3Mb of RAM, and Kickstart 2 or higher.

Scala MM400

£274.99

Special Offers

X-CAD 2000......£19.99
Vista Pro Lite......£9.99
Blitz Basic 2.1.....£29.99
Music -X Ver. 2....£29.99

Music

Technosound Turbo 2 Pro

8/12 bit Stereo Sampler plus many more advanced features

A bargain at only £29.99

Mega-Lo-Sound

8 bit direct-to-disk sampler

Great value at only £29.99

ProMIDI Interface

- MIDI in, MIDI thru & 2 x MIDI out
- Compatible with all MIDI software

only!! £19.99

- 2 x 3metre MIDI cables £9.99

AURA

100% £79.99

Octamed compatible

12/16 bit stereo direct-to-disk PCMCIA sampler

Octamed 6 CD £24.99

Latest version of the best music making program for the Amiga. Over 600Mb of Midi files, Samples.

Music-X ver2 £29.99

Requires MIDI I/face & a mouse, 1.5Mb Req. to run Music-X and Notator together

Wordprocessing

New **Final Writer 5**

Word Processor/Publisher

Latest version of this award winning software

only!! £74.99

Final Writer Lite

Word Processor

Requires Kickstart 2.04 or above, 2Mb of Ram and 1 Floppy Drive, Hard Drive installable if desired.

£39.99

New

Mini Office

Integrated Package

- Wordprocessor
- Spreedsheet
- Database
- Graphics
- Disc Utilities

£44.99

All in one pa

Wordworth 5

- Any Amiga 2.04 or higher
- 3Mb of Memory
- 2xFloppy drives or HDrive

£59.99

New

Home Office

Final Data

- Requires Workbench 1.3 or above, 1Mb of memory & 1 floppy drive.

£39.99

Twist 2

Relational Database

- Requires Workbench 2.1 or above & 2Mb of memory

£74.99

Spreadsheets

Final Calc

£99.99

- Requires Workbench 2.0 or above, 2Mb of memory min., H.Disk with 5Mb of free space

Utilities

Opus 5.5

£49.99

New

DiskMagic

£34.99

92% CU Amiga

Cables

Amiga-CD32 Serial Network cable	£24.99
Amiga Parnet Parallel Network	£14.99
Modem Cable 9-25/25-25	£9.99
Null Modem Cable	£9.99
Amiga-VGA Monitor	£12.99
Amiga-TV Cable	£2.49
Amiga-CM8833 Monitor	£9.99
Amiga-Scart Cable	£9.99
Printer Cable (1.8 metre)	£4.99
Disk Drive/Monitor Ext.	£14.99
Analogue PC J.stick Adapt.	£7.99
Mouse/Joystick Extension	£4.99
Mouse/Joystick Autoswitch	£9.99
MIDI Cables (3 metre x2)	£9.99
Centronics-Centronics	£9.99
SCSI D25-50 way Cent.	£11.99
SCSI D25-50 way Micro-D	£15.99
SCSI Adaptors from..	£15.99
SCSI Terminators from...	£19.99
Internal SCSI Cables from...	£9.99
2.5" IDE Hard Drive Cable	£5.99
Amiga-3.5" Hard Drive	£18.99

Custom Cable Suppliers

For all your custom cable requirements just give us a call, we can usually supply most cables next working day.

Peripherals

Wizard 560-dpi Amiga Mouse

£12.49

Alfa Data 400-dpi Mega Mouse+

- 3 Button Mouse
- Extra Long Cable

£12.99

2 Button Mega Mouse £11.49

Mousemat 4mm	£2.49
Zip Stick joystick	£9.99
Roboshift mouse/joystick switch	£9.99
Amiga Joystick	£7.99
Amiga Contol Pad	£9.99
Kickstart 2.04/2.05	£24.99
CIA 8520A I/O chip	£18.99
FPU 25mhz PLCC	£34.99
FPU 33mhz PLCC	£39.99

AlfaData Crystal Trackball

Only...£34.99

Amiga Modulator

£34.99

Amiga PSU

£34.99

Zydec Speakers

ZyFi-2....£26.99

ZyFi Pro..£57.99

Goliath PSU

200watts of Power

4x Standard PSU Power £69.99

Special Offer

Blitz Basic

Blitz Basic2.1

Popular BASIC programming language for all Amiga's

Special offer £29.99

Special Offer

Vista Lite-3

Vista Pro Lite

Requires 2Mb of Ram & Hard Disk With Kickstart 2.04 or above.

£9.99

Limited Offer

Amiga CD ROM's

Delivery £1.50 per title or £3.99 for 4+

17 Bit Collection (Double)	£14.99
17 Bit Continuation	£9.99
17 Bit Phase 4	£9.99
17 Bit/LSD compendium 1/2/3	£16.99

Amiga Developers CD Ver 1.1 £13.49
This CD contains all the materials needed to develop software for the Amiga. From Amiga Technologies comes the complete Amiga Developers Tools and Documentation.

Aminet 10/11/12 or New 13	£12.99
Aminet Set 1 (Aminet 1-4)	£24.99
Aminet Set 2 (Aminet 5-8)	£24.99
Aminet Set 3 (Aminet 9-12)	£24.99
New!! C64 Sensations Vol 2	£16.99
CDPD 1,2 or 3	£5.99
Demo CD 1 or 2	£5.99
Encounters UFO Phenomenon	£12.99
Epic Collection 2	£17.99
Emulators Unlimited	£18.99
Global Amiga Experience	£22.99
New!! Epic M/M Encyclopedia	£25.99
Light ROM 3 (3 disk set)	£32.99
Magic Workbench Enhancer	£8.99
Meeting Pearls 3	£8.99

New!! Magic Publisher 4 CD set £44.99
Inc. Wordworth 4 TD, Final Writer 4 SE, 10,000 Fonts and 5,000 Clips and more.

NFA AGA Experience 1 or 2	£18.99
NFA Utilities Experience	£13.99
Nothing But Tetris	£8.99
Oh Yes More Worms Vol. 1	£8.99

Octamed Sounds Studio CD £29.99
Totally revamped new version of this top selling CD, includes endless new and improved features.

New Price!! Prima CD Vol. 1	£9.99
Sci-fi Sensations 2	£17.99
Horror Sensations 18+	£19.99

New!! Photogenics V2 CD ROM £84.99
New features Animation Support, New Effects System, Virtual Images Plus More....

Space And Astronomy	£16.99
New!! Spectrum CD 96	£17.99
Ten on Ten pack (10xCD's)	£37.99
New!! WPD Hottest 6	£17.99
Weird Science 3DCD-1 Objects	£8.99
Weird Science 3DCD-1 Images	£8.99
Weird Science Amos PD CD V2	£16.99
Weird Science Animations 2 CD	£17.49
Weird Science Artworx	£8.99
Weird Science Assassins 2 x CD	£17.49
Weird Science Fonts/Clipart	£8.99
Weird Science Animation	£16.99
W. Science MultiMedia ToolKit 2	£19.99
Weird Science Network 2 CD	£12.49

Buy Weird Science Network 2 CD & CD-32, Serial Network Cable. For only, £35.99

Weird Science Octamed 6 CD	£16.99
Weird Science Sounds Terrific 2	£16.99
Weird Science UPD Gold CD x4	£24.99

New!! CD Rom World Atlas £24.99
Full colour Multimedia Atlas for the Amiga. Rated Absolutely Superb

New!! Workbench Add-Ons £22.99

Now Available Zoom-2 £18.99
Long awaited New version of this very popular CD. The latest PD from 2 Libraries.

FREE!! Prima Shareware CD-ROM worth £10 with every order of CD-ROM software over £30

Editorial

EDITOR	Alan Dykes
DEPUTY EDITOR	Lisa Collins
TECHNICAL EDITOR	Tony Horgan
CD-ROM EDITOR	Mat Bettinson
COMPANY ART EDITOR	Helen Danby
DEPUTY ART EDITOR	Anthony Collins
TECHNICAL CONSULTANT	John Kennedy
GAMES CONSULTANT	Matt Broughton
CONTRIBUTORS	Vampyra, Andy Mitchell, Neil Bothwick, Anthony Brice, ECTS material: Mark Forbes
PHOTOGRAPHY	Ben Jennings
SYSTEMS AND REPRO	Sarah-Jane Leavey, Sarah Best

Advertising, Marketing & Management

ADVERTISING MANAGER	Chris Perera
SENIOR SALES EXECUTIVE	Marianna Masters
SALES EXECUTIVE	Genene Dick
AD PRODUCTION	Tina Gynn, Ryan Boundy
PRODUCT MANAGER	Kirsten Richins
MARKETING EXECUTIVE	Claire Matthews
MARKETING MANAGER	Alex Gorman
PROMOTIONS MANAGER	Saul Leese
PUBLISHING DIRECTOR	Sandra McClean
EXECUTIVE PUBLISHING DIRECTOR	Sarah Janes

CU Amiga Magazine

PRIORY COURT
30-32 FARRINGDON LANE
LONDON EC1R 3AU
UNITED KINGDOM
0171 972 6700
GENERAL@CU-AMIGA.CO.UK
SUBS ENQUIRIES: 01858 435350

Contacts

READERS' LETTERS AND TECHNICAL PROBLEMS: For general, non-technical, enquiries send your letters to the address above clearly marked for **BACKCHAT**. For technical problems send them clearly marked **Q&A**. Because of the nature of many enquiries they cannot be answered in detail by phone. If you need advice urgently or have a problem then do call us between 4.30pm and 5.30pm Tuesdays, Wednesdays and Thursdays. We will try to assist you within these hours, but may have to ask you to send your problem to Q&A for proper service. You can Email us at **backchat@cu-amiga.co.uk or Q+A@cu-amiga.co.uk.**

PD SUBMISSIONS: We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to: **PD SUBMISSIONS, CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.**

ADVERTISING OR ADVERTISING PROBLEMS: If you wish to advertise, or have a problem with a company advertising in CU AMIGA MAGAZINE our advertising team will be glad to help. Contact **Marianna Masters** on the above telephone number and address.

COVER DISK PROBLEMS: If you have a faulty cover disk then write or return your disk to our duplicators: **DISKXPRESS, 7 WILLOW COURT, BOURTON INDUSTRIAL PARK, BOURTON-ON-THE-WATER, GLOUCESTERSHIRE GL54 2HQ. TEL: 01451 810788.**

COMPETITIONS: CU Amiga Magazine often runs competitions. To enter one of these simply put your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by post. One entry per person please and the editor's decision is final. Winners will be notified by post. Other rules may be printed from time to time.

BACK ISSUES: 01858 435 350. Subject to availability. DD disk issues: UK price £5.99 (inc P&P). Rest of world £6.50. CD-ROM issues: UK price £6.99, Europe and Rest of world £7.50.

SUBSCRIPTION DETAILS: Subscriptions are available from Tower Publishing, Tower House, Sovereign Park, Lathkill Street, Market Harborough LE16 9EF Tel: 01858 435 350. Annual subscription rates (inc postage) 12 issues: UK/BFPO £54. SURFACE MAIL ROW & EUROPE: £60.00. AIRMAIL EUROPE £70.00. ROW AIRMAIL £90. See subs page for special offers.

© EMAP Images 1996. No part of this magazine may be reproduced in any form, either electronic or mechanical, or sold without the express written permission of the publisher. Cover disks remain the copyright of their respective suppliers and may not be duplicated, distributed or sold on without their permission. All material and prices are believed to be accurate at the time of going to press. CU Amiga Magazine attempts to maintain the highest standards, but cannot be held responsible for any errors, factual or otherwise which may have inadvertently crept into the issue. None of the reviews or previews in any section of this magazine constitute paid for or otherwise solicited advertisements for that product or supplier. CU Amiga Magazine is an independent publication and the opinions expressed by its reviewers are their own, free of any outside encumbrance.

PRINTED IN THE UNITED KINGDOM BY ST IVES PETERBOROUGH/ROCHE
COVER DISK AND CD-ROM DUPLICATION
BY DISKXPRESS
ABC: 47,670 July– Dec 1995.

CU AMIGA MAGAZINE

CU AMIGA MAGAZINE NOVEMBER 1996 • CONTENTS

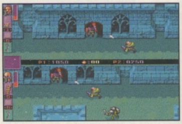
Editorial

This is the first issue with our monthly CD-ROM attached (for those who purchased the CD issue that is). And boy do we have some treats in store for you on forthcoming CDs. On both CD and floppy disk this issue there is a superb utility: XCAD 2000. Those who remember our cover mounted XCAD Designer two years ago, will just love this. On the games side of things check out the demo of Blobz, it really is a cracking little game. If you're a fan of Lemmings then you're on to a good thing. It's reviewed on page 38.

The feature this month, about connecting your Amiga to the Psion Series 3 and Siena could prove fortuitous with Christmas approaching. We're big fans of these little computers here in CU Amigaland and if you don't already have one then check them out now. Of course the big bonus is connecting them to your Amiga. Write documents on the move and then download them to Final Writer or whatever your fave word processor is.

Our cover story this month is the long awaited Chaos Engine 2. We thought it might be ready for review but in the end, although it was nearly there, there were a few minor alterations to be made so instead we were given unprecedented exclusive access to the game to test each level and get a feel for the gameplay. And it looks impressive. See the feature on page 34.

This is my final month at the helm of CU Amiga Magazine. I am moving off to another project so by the time you read the next issue there will be a replacement face grinning away at you from the top left hand corner of this box. Who will it be? Can't say, but rest assured whoever it is will maintain the high standards CU Amiga Magazine sets as the most innovative and exciting Amiga magazine in the business. It has been an exciting two and a half years in the editor's seat and the Amiga has seen many changes during it. Like everything it needs the boost of new technology to survive long term, and hopefully this will happen sooner rather than later. CU Amiga Magazine will keep you informed of events as they happen. Goodbye and thanks for everything.



Alan Dykes, Editor

Feature

20 Psion palmtops & the Amiga

The Psion palmtop computer could bring portable computing to the Amiga at last. Like the Amiga, the Psion also has a superb multitasking operating system and makes an excellent portable buddy to the Amiga. We look into the Psion's capabilities and the superb shareware software package for connecting the Psion palmtops to your Amiga.

Commodore A600
AMIGA

News

15 News from Blittersoft, ICPUG, Harwoods and more

Games

28 Interview with Martyn Brown
30 Gnomes
31 JETPilot
34 The Chaos Engine 2
38 Blob
38 DNA
40 PM2 Bud
41 Ruffian

Get Serious – utilities and hardware

48 Directory Opus 5.5
50 Delfina
52 Alfa Quatro
54 Browser War

Public Domain

60 PD Scene
62 PD Utilities

CD Amiga

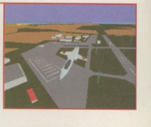
66 CD-ROM Writer
68 CD-ROM Scene
71 CD-ROM Instructions

Workshop

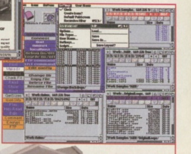
76 Art Gallery
78 Imagine 3.0
82 Comms
84 Surf of the Month
86 Net God
87 Back Issues
89 Sound Lab
95 Frequently Asked Questions
96 Q&A Masterclass
98 Q&A
100 Points Of View
102 Backchat
104 Next Month
106 Subscriptions

CD-ROMS 68

Racing
uts Midlands
firm
osition!
Business Today
Jaguar XJR-15 Race Car



JETPilot 31



Graphics Masterclass 96

The Chaos Engine 2 34

CD-ROM writer 66

Verbatim
4020i
HEWLETT PACKARD

Cover Disks

AMIGA
DISK 144
XCAD 2000
AMIGA
DISK 145
Blobz
EXCLUSIVE
AMIGA

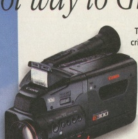
7 XCAD 2000
Cover disk 142 is something you should always have handy in case of emergencies as it will help you recover those vital files in the case of a total hard drive breakdown. Upper Disk Tools is really two programs: Recovery and DSBackup and they're both yours on this excellent cover disk.

11 Blobz
If wanted a Lemmings clone then you wouldn't find a better one in Blobz. This little game demo has lots of fund and mayehm as you try to guide your little people with sucicidal tendencies to safety. Try out soem of the levels on this game demo to see what we mean. You won't be sorry you did. There's top fun to be had.

Pro-GRAB™... *Freezes Frames* and Much More!

The Cool way to Grab Images on your Amiga

CHECK OUT OUR NEW... ProTel™, Sound Samplers and PCMCIA Interface



The revolutionary S-VHS ProGrab™ 24RT Plus with Teletext is not only the best way to ge
crisp colour video images into your Amiga, from either live broadcasts or taped recordings,
also costs less than any of its rivals. This real time PAL/SECAM/NTSC* 24-Bit colour fram
grabber/digitiser has slashed the price of image grabbing on the Amiga and, at the same
time, has received rave reviews for its ease of use and excellent quality results. ProGrab™
has earned honours from just about every Amiga magazine and Video magazines too!

And... with ProGrab™ you needn't be an expert in Amiga Video Technology, a
simple 3 stage operation ensures the right results - **Real Time, after time**

Compatible with both VHS and S-VHS!

Grab images with your camcorder including S-VHS...

or, Take a signal from a TV with SCART output...

or, Use the signal from your satellite receiver...

or, Grab TV or video pictures from your VCR's video output including S-VHS.

STAGE 1...

Select any video source with S-VHS or composite output. Th
could be your camcorder, TV with SCART output, satellite
receiver, domestic VCR/player or standard TV signal passi
through your VCR/player... the choice is yours.

STAGE 2...

With ProGrab's software, select an image you
wish to capture using the on screen preview
window and Grab (because the hardware gra
frames in real time, there's no need for a free
frame facility on the source device!).
Once grabbed, simply download
and view the full image on yo
Amiga screen. ProGrab a
includes a Teletext viewing
and capturing facility from TV or satellite sources

STAGE 3...

Use the 'grabbed' image with your favourite wor
processor, DTP or graphics package.

ProGrab **really does** make it that simple!

Pro-GRAB™ SVHS 24RT Plu

WHAT THE MAGAZINES SAY...

Camcorder User commented... "If you're looking for a high resolution 24 bit digitiser then, at this price, ProGrab 24RT represents great value for money."

camcorder USER

ProGrab™ - Voted as **The Best Video Hardware** product for the Amiga. This is especially pleasing because the award comes from the Amiga Shopper magazine's readers... Our **Satisfied** Customers!

ProGrab™ - Amiga Shopper **95% STAR Buy** and remarks like... "Sharp, crisp and faithful to the original colours, we were mightily impressed" and... "Highly Recommended. Whether you are a Videographer or a Graphic Artist, look to the ProGrab 24RT Plus. It's a winner"

Star Buy

ProGrab™ - Amiga Format **93% Gold Rating** and comments like... "ProGrab 24RT Plus is quite simply the digitiser to get", "Incredible value for money - no other digitiser offers so much for so little". When reviewing Vidi Amiga 24RT PRO, Amiga Format said "Save yourself £100 and buy the much superior Pro Grab"

CU Amiga said ProGrab™ is... *"Just the job for beginners and semi professionals on a tight budget"* and *"very hard to beat. For the money, nothing can touch it"*

AMIGA MAGAZINE

ProGrab is just £129.95...

ProGrab 24RT Plus

- Supports all recent Amigas and is also fully AGA Chipset compatible. You can render images in any Workbench screen mode resolution including HAM8 mode (Amiga RAM permitting).
- Saves and Loads images in IFF/ILBM, IFF/ILBM24, JPEG, BMP, PCX, and TARGA file formats. ProGrab saves animations as Anim5 files and animations with sound (requires PCMCIA interface and separate sound sampler) as Anim5 + 8SVX files. A range of image processing effects, palette computing routines (AGA only) and dithering methods are featured in ProGrab Version 2.6.x. Photogenics fully supports ProGrab with a custom 'Loader' to enable grabs directly from within the program - saving YOU time!
- Software has built in mono and colour animation facilities. Number of frames dependant upon Amiga's RAM.
- Release 2.6.x software now includes...
  - ADDITIONAL TELETEXT FACILITIES - With either Terrestrial or Satellite TV signals.
  - LARGER PREVIEW WINDOW - Double Resolution and 4 times area of previous ProGrab software.
  - INTERNATIONAL SUPPORT - Now compatible with composite PAL, SECAM and NTSC Straight from the box!

ProGrab is supplied with just about everything you'll need ✚...

- **ProGrab™ 24RT Plus Digitiser**
- **Latest ProGrab Version 2.6.x Software**
- **Mains Power Supply Unit**
- **Parallel Port Connecting Cable**
- **User Manual**
- **Input sockets for Composite and SVHS.**

✚ A video source cable will be required to match your own equipment - Ask for details.

**Standard ProGrab hardware is PAL/SECAM/NTSC compatible. Interlace mode options are available with PAL and SECAM only. ProGrab™ supports any Amiga with Kickstart 2.04 or later and a minimum of 1.5Mb free RAM.*

PCMCIA INTERFACE for A1200 and A600

Only £39.

ProGrab's optional PCMCIA Interface includes the latest version software and o
performance for serious/professional users - offering the following benefits...

- Faster Downloading Times (up to FIVE times quicker)
- Improved animation speeds of up to 11fps (mono) and 3.5fps (colour)
- Saving of animations direct to your Amiga's hard drive
- Freeing of your Amiga Parallel Port for use by a printer or other parallel periph
- Sound sampling and animation capabilities (separate sound sampler reqd, se

STEREO SOUND SAMPLERS

Two high quality 8-Bit sound samplers, specifically designed for use with our ProGrab 24RT™ digitisers, are now available (PCMCIA Interface required). The HiFi version features the same 30MHz A/D convertor used in the ProGrab™, meaning the maximum frequency is only limited by the Amiga's hardware. It also has a higher bandwidth (40Hz to 20KHz) than the standard version.

Standard Stereo Sampler £19.95

Hi-Fi Stereo Sampler £24.95

SAMPLER
NEW
Sou
Sampl

ProTel™ Terrestrial/Satellite Teletext Decoder

Stand alone unit for grabbing Teletext info (works independently of ProGrab™ and has a much faster download rate). Once the information has been downloaded, ProTel™ allows you to view pages instantly - no more waiting whilst your TV finds the correct page! Files can be exported as ASCII Text for use in a WP, or saved as IFF Graphics for use in your DTP presentations. You don't need a Teletext TV/Video for ProTel™ - the signal can be received through a standard VCR!

£44.95

NEW...

Post or FAX your requirements *(quantity trade prices available)* on the order form provided OR, if you'd simply like further information please contact...

GH

GORDON HARWOOD COMPUTERS

Department **CUA**
Gordon Harwood Computers Limited.
New Street, Alfreton, Derbyshire DE55 7BP
FAX: 01773 831040
email: 100271.3557@compuserve.com

☎01773 836781

Mr/Mrs/Miss/Ms:
Initial(s):
Surname:
Address:
County (Country):
Postcode:
Daytime Phone:
Evening Phone:

ProGrab Plus™ @ £129.95	£	:
PCMCIA Interface @ £39.95	£	:
ProTel™ Teletext Decoder @ £44.95	£	:
Standard Stereo Sampler @ £19.95	£	:
Hi-Fi Stereo Sampler @ £24.95	£	:
Standard Delivery £7 (2/3 Working Days)	£	7:00
or an additional £3 for **Next** Working Day Delivery	£	:
TOTAL	£	:

Overseas Customers...
Please call for prices, shipping etc.

Card holder's signature:

Pro-GRAB
SVHS 24RT Plus

Card No ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐
Expiry Date ☐☐☐☐
Valid From: (Switch/AMEX Only) ☐☐☐☐
Issue Number: (Switch Only) ☐☐

I enclose a Cheque/Bank Draft/Postal Order for £ : made payable to GORDON HARWOOD COMPUTERS LIMITED

Please write your name and addres on the reverse of any cheques or dra

DISK 144

XCAD 2000

AMIGA MAGAZINE
INCLUDED WITH THE NOVEMBER '96 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE
DISK 144
XCAD 2000
Professional 3D CAD package for all your design requirements, complete and fully functional.
FULL PROGRAM
All Amigas with OS2 or higher + 2Mb RAM and hard drive required
AMIGA MAGAZINE

This month's application program is the highly powerful XCAD 2000. Professional 3D CAD is now within your grasp.

Welcome to the world of 3D computer aided design: CAD. In effect a CAD system is a computerised draughtsman's table with all the paper and drawing tools transferred to your screen. XCAD 2000 is a professional fully featured CAD package for your Amiga and it's yours with this issue of CU Amiga Magazine. You might remember we cover mounted the previous version of XCAD (XCAD Designer) on the December 1994 issue of CU Amiga Magazine. This time we've brought you the full 3D version.

CAD is used to design everything from spacecraft to toothpaste tubes. In many cases it's also combined with CAM (Computer Aided Manufacture) in which case the CAD designs are used to control robotic machinery that goes ahead and turns the drawings into objects. XCAD 2000 is quite capable of handling professional design work and can output its resulting drawings to full 'AO' size plotters.

Demo drawing

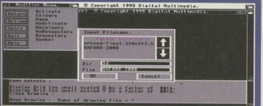
To load the demo drawing, first start up the 3D version of XCAD 2000. There are a number of icons you can use to start up the program. Each one will launch either the 2D or 3D version in one of a number of screen modes, as indicated by the text labels. Lower resolutions with fewer colours require less memory to run. Select one of the 3D icons. Now you can open the demo drawing. Select Open Drawing from the File menu then click on Return. This will bring up a file requester, in which you should see a drawer called 3D and a file called Oxford-model.xdr. Click on the 3D drawer and then select the Oxford-2000 file.

You won't see anything yet, as the program doesn't

Getting started

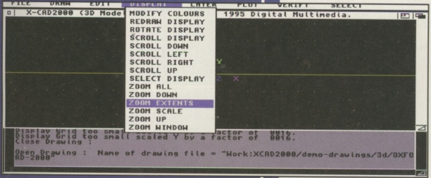
OK then, cards on the table: XCAD 2000 uses a bit of a quirky interface. While most of it is controlled in the normal way from pull down menus and windows it also has a command line 'console' at the bottom of the screen. This can be used to enter commands directly from the keyboard, although you don't have to use it it all. You'll notice when you make menu selections that commands appear in this box. One way of learning the command line short cuts is to keep an eye on it while you make your menu selections.

The other thing to note is that after you've made your initial menu selection you'll often be faced with a customised sub-menu. These can be different depending on which selection you have made. Sometimes these will also have their own sub-menus for further selections. Generally clicking on Return or Action from these menus will confirm your selection or continue to the next menu. Where a value needs to be selected you'll be presented with a small calculator-style pad. Certain selections require you to first select a parameter then its value, followed by any other parameters that are needed. For example, to alter the rotation of the viewpoint, you could select X, then the amount of rotation for the X axis, then do the same for any rotation you might require around the other axes.

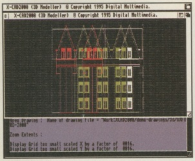

Modifier Menu.
© Copyright 1995 Digital Multimedia.
Return
Action
Space
Quit
Help
Activate
Colours
Name
NoActivate
NoColours
NoRequesters
Requesters
Symbol
Input Filename.
/ (Parent Directory)
ormond-final.320x512.h
OXFORD-2000
Dir
File
OK
Cancel

File: OXFORD-2000

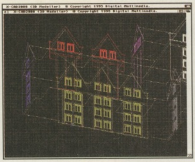
```
Zoom Extents :
Display Grid too small scaled X by a factor of  0016:
Display Grid too small scaled Y by a factor of  0016:
Close Drawing :
Open Drawing :  Name of drawing file = "
```

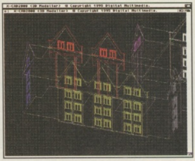

FILE
DRAW
EDIT
DISPLAY
LAYER
PLOT
VERIFY
SELECT
X-CAD2000 (3D Mode
1995 Digital Multimedia.
MODIFY COLOURS
REDRAW DISPLAY
ROTATE DISPLAY
SCROLL DISPLAY
SCROLL DOWN
SCROLL LEFT
SCROLL RIGHT
SCROLL UP
SELECT DISPLAY
ZOOM ALL
ZOOM DOWN
ZOOM EXTENTS
ZOOM SCALE
ZOOM UP
ZOOM WINDOW
Y
Z
X

```
Display Grid too smal              actor of  0016.
Display Grid too small scaled Y by a factor of  0016.
Close Drawing :

Open Drawing :  Name of drawing file = "Work:XCAD2000/demo-drawings/3d/OXFO
RD-2000"
```


X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.
X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.

```
Open Drawing :  Name of drawing file = "Work:XCAD2000/demo-drawings/3D/XCA
RD-2000"

Zoom Extents :

Display Grid too small scaled X by a facter of  0016.
Display Grid too small scaled Y by a facter of  0016.
```


X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.
X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.


X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.
X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.

automatically snap its scaling to fit the drawing in the window, so select Zoom Extents from the Display window. The window will redraw and you should see a front view of a building in transparent wireframe.

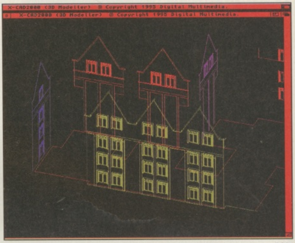
To get a better view of the drawing try altering the rotation values. Select Rotate Display and then click on either X, Y or Z. Now you'll see that little calculator pad mentioned earlier. Use this to enter your required rotation changes in degrees. Alternatively you can use the keyboard to enter the values – you'll see them appear in the command line window at the bottom of the screen either way. To rotate the view through more than one axis, make another selection rather than selecting Return again. This way you can spin the view through all three axes in one go.

Drawing tools

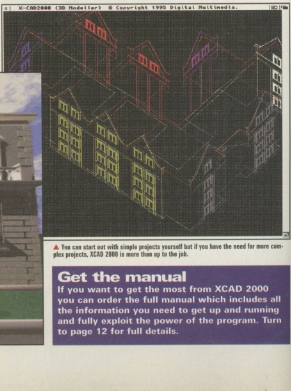
There are tools for drawing basic elements which go to make up your overall projects. These are available from the Draw menu. Circles, lines, points, points, strings and symbols are on the menu. Objects or 'Entities' can be manipulated from the Edit menu. From here you can clone, rotate, mirror and explode various parts of your drawing to save you having to repeatedly draw out similar parts.

Zooming in

The Display menu is loaded with options for zooming in and out of your drawing as well as scrolling commands for moving around in the X and Y axes. Quick zooms can be achieved with the Zoom Window option, which allows you to drag out a specific area of the drawing for closer scrutinisation. The Layer menu is used for navigation around the various layers of your drawing, while the Plot menu opens the options window for sending your drawing to a plotter. The Verify menu gives a breakdown of your elements while the Select menu is used for picking out specific parts of your project.


X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.
X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.

▲ **Unlike XCAD Designer, XCAD 2000 is a true 3D CAD system. The demo drawing included on the cover disk is a good example of how your projects can occupy all three dimensions.**


X-CAD2000 (3D Modeller) © Copyright 1995 Digital Multimedia.

▲ **You can start out with simple projects yourself but if you have the need for more complex projects, XCAD 2000 is more than up to the job.**

Get the manual

If you want to get the most from XCAD 2000 you can order the full manual which includes all the information you need to get up and running and fully exploit the power of the program. Turn to page 12 for full details.

onday, September 26th 1996

port Sport Sport Sport Sport Sport Spor

SOCCER BOSS PICKS BUTT, COX, SEAMAN & DICKS

Ivan Ardon (formerly Gavin Smith), manager of Athletic Wednesday is rumoured to have spent £6m on his new signings. When asked if his player selection is based on shrewd management foresight, or just a product of his obsession with dirty words, he replied "Bugger off. I'm playing with my floppy." Tragic.

Championship Manager 96-97 is available for PC CD ROM, Amiga and as an update disk for Championship Manager 2.

What they said about Championship Manager 2:

"QUITE SIMPLY THE BEST FOOTBALL MANAGEMENT SIM EVER RELEASED"
PC ZONE 92%

"BUY IT!"
COMPUTER LIFE 5/5

"THANK YOU GOD FOR BRINGING ME CHAMPIONSHIP MANAGER 2"
PC REVIEW 9/10

"SIMPLY THE BEST"
PC HOME 92%

PC CD ROM

EIDOS
INTERACTIVE

Software © Eidos Software

PC ZONE CLASSIC

PC REVIEW RECOMMENDED

CD-ROM MAGAZINE CLASSIC

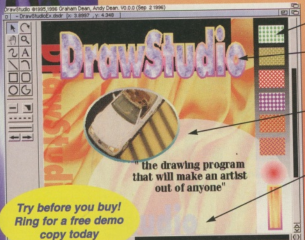
CHAMPIONSHIP
MANAGER
96-97

YOU'RE IN CHARGE NOW

STOP PRESS: Powerful new Amiga drawing program set to take Amiga world by storm....

NEW!!!

Be Creative! It's so easy with DrawStudio


DrawStudio ©1995,1996 Graham Dean, Andy Dean. V0.0.0 (Sep 2 1996)
- DrawStudioEx.dsdr [x: 3.8997 , y: 4.348]
DrawStudio
" the drawing program that will make an artist out of anyone"

EDITABLE PATTERN FILLS

POSTSCRIPT TYPE 1 FONTS
PLUS BITMAP FILLS FOR TEXT

BITMAP FILLS IN SHAPES
PLUS FILLS FOR LINES

LOOK! - TRANSPARENT
COLOURS/GRADIENTS

Try before you buy!
Ring for a free demo
copy today

Floppy Disk Pack - Only £59.95

CD Pack - Only £74.95
CD pack includes ImageStudio plus lots of goodies for use with DrawStudio including fonts, fills and so on.

Here it is! An easy to use but powerful drawing program with features never before seen in an Amiga drawing package. Fill your text and other elements with bitmaps, create transparent patterns, gradients and fills and then export the image into your favourite program.

DrawStudio is compatible with most Amiga programs including Wordworth, Final Writer, ProVector, Art Expression and many more. It will import IFF-ILBM (plus other bitmap formats), DR2D-IFF and DrawStudio projects and export as EPS, DrawStudio and many bitmap formats at a resolution suitable for your printer!

DrawStudio will work on ECS, AGA and graphics card equipped Amigas. You can have multiple projects and cut and paste between the two. You even get a preview so you can see how a special effect will look before you apply it to an object. Arexx is also supported by DrawStudio making this a truly powerful package at a price you can afford.

Use DrawStudio to create graphics for your WEB pages, align text to a curve, add a line ending of your choice when creating diagrams, rotate bitmaps and convert structured objects to bitmaps. You can also warp, bulge, distort objects as well as work in layers and on multiple pages.

Treat yourself to the best present available, DrawStudio and show your support for our favourite computer!

Also available from LH Publishing

DTP ToolBox Gold CD

Includes:
- *Professional Page 4.1 (Run from CD)*
- *Professional Draw Upgrade*
- *1,000 + PostScript Fonts*
- *PageStream Updates for version 3!*
- *800+ CGFonts*
- *Index thumbnails for EMC's Phase 1, 2 & 3 CDs (Find that image with no CD swapping)*
- *Hundreds of colour Photos*
- *DTP Utilities including the FD version of ImageStudio!!!*
- *Templates for ProPage, PageStream, Final Writer & Wordworth*
- *Wordworth & PageStream enhancers*
- *Font Converter ! Change PostScript fonts to Compugraphic!!!!*
- *Final Writer Lite*
- *Wordworth 5 CD Version*

£39.95!

"Step-By-Step with ProPage" tutorial book £19.99

Publisher's ProPAK

Includes:
- *DTP ToolBox (RRP £39.95)*
- *Phase 1 (RRP £24.99)*
- *Phase 2 (RRP £24.99)*
- *Phase 3 (RRP £24.99)*
- *EMC.Info Font Book*
- *plus 3 Issues of Amiga Em*

£79.90!
Save £50!

LH PUBLISHING *Keeping the Amiga dream alive!*

VISA HOW TO ORDER

01908 370 230

VISA MASTERCARD SWITCH EUROCARD DELTA

PAY BY: Cheque, P/Orders, Credit Card, Switch
ADDRESS: LH Publishing, 13 Gairloch Ave, Bletchley, MK2 3DH
FAX: 24hr Fax Line - *01908 640 371*, TEL: *01908 370 230*
POSTAGE: UK £3 for DTP ToolBox/Individual CDs, £6 for ProPAK, DrawStudio
OVERSEAS - £5 for DTP ToolBox/Individual CDs, £9 for ProPAK//DrawStudio - Airmail
Please Note: If ordering by Post/Fax, please make sure to include the expiry date of your credit card/Switch. Also include the Issue Date for Switch Cards. Make cheques and postal orders payable to LH Publishing.

cover disks Loading instructions

XCAD 2000

Disk number 144

Before you can use XCAD 2000 you need to install it to your hard drive. To do this, boot from your hard drive as usual and insert the XCAD cover disk. Double click the XCAD disk icon and you'll see another icon marked Extract XCAD. Double click this to start the installation. A file requester will appear asking you to select your chosen destination for the program. Select the destination and click on OK. An XCAD drawer will automatically be created and the program will be extracted to your hard drive.

Once the installation is done you can go ahead and run the program straight away from your hard drive. You can choose to start the program in a number of screen modes and colour depths by clicking on one of a few alternative XCAD icons.

AmigaNCP

Disk number 145

As a complement to our Psion-Amiga feature in this issue we've included the software required to link the two together. AmigaNCP can be found on cover disk 145 (the Blobs disk). First of all you need to extract the archive to RAM: or any other device, such as your hard drive. Once this archive has been extracted you can then run the proper installation program from the extracted drawer. This will install the program on your system. For more information on using AmigaNCP see the documentation in the archive and also check out the Psion-Amiga feature on page 20 of this issue.

IF YOUR DISK/CD WON'T LOAD

We go to great trouble to ensure that the CU Amiga Magazine cover disks will work on common Amiga models. However, if you do experience problems follow this simple guide.

1: Remove all unnecessary upgrades and peripherals, such as printers and modems. Some trapdoor expansions can also cause problems.

2: Follow the instructions on this and previous pages exactly.

3: Contact our 3.5 inch disk people: DISKXPRESS, 7 WILLOW COURT, BOURTON INDUSTRIAL PARK, BOURTON-ON-THE-WATER, GLOUCESTERSHIRE GL54 2HQ. TEL: 01451 810788.
SEA. Tel: 01451 810788. Email:100714.334@compuserve.com

If they advise that the disk is faulty, fill in your details in the form below, and send this form, along with the faulty cover disk and a 25p stamped self addressed envelope to:

CU Amiga Magazine Disk Returns, DISKXPRESS, 7 WILLOW COURT, BOURTON INDUSTRIAL PARK, BOURTON-ON-THE-WATER, GLOUCESTERSHIRE GL54 2HQ. TEL: 01451 810788.

We also vigorously virus check our cover disks on a branded virus checker. If some escape our attention we cannot assume responsibility for it.

NAME: ....

ADDRESS: ....

....

TYPE OF AMIGA OWNED: ....

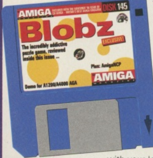
DISK NUMBER: ....

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK:

....

....

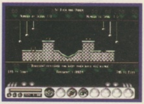
Blobs • Demo for A1200/A4000



Disk number 145: Blobz is a top little game, reviewed on page 38 of this very issue. So you'll be wanting to play the demo then. Blobz is archived onto disk 145 so it needs to be uncompressed onto two separate floppy disks. To do so you'll need to load Workbench first. If you are working from a floppy version of Workbench make sure to write protect it first and, as usual, always write protect your cover disk. Once Workbench is loaded insert disk 145 and double click it with your left mouse button. Three icons will appear. The first two dearchive Blobz disks 1 and 2, the third one is for AmigaNCP and details for it are given opposite. To dearchive the first Blobz disk double click the Unpack_blobz_AGA_Disk1 icon. If you have a hard drive a message will appear telling you that it is copying the disk to RAM. If you are operating from floppy disk you will have to swop disk 145 with your Workbench disk twice before this message appears. When a screen appears asking you to insert a blank formatted disk, do so and press return. Once Blobz disk 1 has been created (the screen returns to the Disk 145 icon and all disk activity ceases), remove the new disk and re-insert disk 145, then repeat the procedure for the Unpack_blobz_AGA_Disk2 icon. The new Blobz demo disk 1 is autobooting, so restart your Amiga with it in DFO: and then change to disk two when requested.

How to play

Blobz is based on Lemmings, and like that pillar of society you have to prevent a load of little creatures (in this case Blobz) from falling over the edge of platforms, getting them to the transporter at the other end of the level. Some transporters have to be activated by picking up diamonds. Others will be activated already. The intro screen on each level will give you specific instructions on what you have to do. Blobz is mouse controlled, even in the menu screens. At the bottom of the screen are various skills, click on these and then click on a particular blob to make it carry out the skill. There is a power bar above the skills which determines how many you can use in sequence.



▲ Study and plan your route on the intro screen.

Useful Icons

Reversing Skill

Jumping Skill

Jet pack

Chomping Skill

Horizontal Rocket Launcher

Vertical Rocket Launcher

CU Amiga coverdisk special offer!

X-CAD 2000

You've seen the software, now buy the 600+ page manual and learn how to get the most out of X-Cad 2000.

The cost is only £14.95 (plus p&p), available from Almathera.

To order:

On the web: http://www.almathera.co.uk

Telephone: 0181 687 0040 (credit card orderline)

or send a cheque, postal order or credit card details to: Almathera, Southerton house, Boundary Business Court, 92-94 Church Rd, Mitcham. Surrey. CR4 3TD.

UK P&P: £2.25 for first manual, add £1 for each additional manual required.
Europe: £5 for first manual, add £1 for each additional manual required.
Rest of World: £10 for first manual, add £1 for each additional manual required.
Postage is 1st class Recorded/International recorded delivery.

Access
MasterCard
VISA
SWITCH

http://www.almathera.co.uk

I'd like [ ] copies of the X-Cad 2000 manual at £14.95 each, plus postage and packing (see above).
I enclose: [ ] a Cheque/Postal Order or [ ] please charge my credit card (Visa, Access, Eurocard, Mastercard, Switch)

Title:............Initial(s): ....Surname:.. Address: ....
....
County ....Postcode/zip:...Country: ....
Daytime telephone:..Evening telephone: ....

CREDIT/DEBIT CARD No: ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

EXPIRY DATE: ☐☐ ☐☐

Cheque /Postal Order or Bankers Draft for: £ .... : .... Payable to **Almathera systems Ltd.** CUX1

Card Authorisation Signature

☐☐ **Switch Issue Number**

MAIL ORDER

All trademarks used in this advert are acknowledged.

SMD-100

VideoCD MPEG Decoder

A COMMAND PERFORMANCE . . .

TIME AFTER TIME AFTER TIME AFTER TIME

"Will it work with my CD-ROM drive?"

If your SCSI CD-ROM drive supports VideoCD format discs then yes, the SMD-100 will work with it.

"What CDs will it play?"

All Video CDs, Karaoke CDs - and it plays CDi movies too!

"What's the picture quality like?"

Much better than with standard video tapes. The combination of slick action, sharp colours, rock steady freeze-frame and silky-smooth slow motion is a real treat for the eyes!

"What's the sound like?"

CD quality with Bitstream DACs brings cinema sound into your living room.

£199^{95}

Standalone unit includes infrared remote control (with batteries), power supply and one free Video CD.

INCLUDES FREE VIDEO CD

SUPER SQUIRREL MPEG PACK

SMD-100
2x CD-ROM drive
Classic Squirrel
Two Video CDs

£349^{95}

Without Classic Squirrel £299^{95}
With Surf Squirrel £379^{95}

SUPER SQUIRREL CD PACK

2x CD-ROM drive
Classic Squirrel
Two CD-ROMs

£169^{95}

Without Classic Squirrel £119^{95}
With Surf Squirrel £199^{95}

POSTAGE £4, NEXT DAY £6. ALL MAJOR CREDIT CARDS ACCEPTED. E&OE.
© 1996 HiSoft Systems, The Old School, Greenfield, Bedford, MK45 5DE.
Fax +44 (0) 1525 713716 www.hisoft.co.uk All prices include VAT.

Surf Squirrel
HiSoft
SCSI
The SCSI Interface for your Amiga A1200/A600

PRIORITY ORDER HOTLINE

0500 223 660

PUNCH THOSE KEYS FOR FREE!

FREE OPUS 4.12 WORTH £50

MAGNUM

A1200 Expansion Cards

FREE SOCCER MOUSE WORTH £19.99 *WHILE STOCKS LAST*

OVER 35 MIPS OF SPEED WITH A 68060!
'060 POWER
NEW

MAGNUM RAM8 CARD

SPEED INCREASE OF 2.3 TIMES - 2.88MIPS ◆ AVAILABLE WITH 0, 2, 4 OR 8MB OF 32-BIT RAM INSTALLED ◆ USES STANDARD 72-PIN SIMMS ◆ OPTIONAL PLCC TYPE FPU (FLOATING POINT UNIT) ◆ BATTERY BACKED CLOCK/CALENDER ◆ FINGER CUTOUT TO HELP INSTALLATION ◆ TRAPDOOR FITTING - DOESN'T VOID WARRANTY ◆ 0-4MB - PCMCIA COMPATIBLE (FOR USE WITH OVERDRIVE, SQUIRREL ETC.) ◆ ZERO WAITE STATE DESIGN.

MAGNUM 68030/68040 & 68060 CARDS

SPEED INCREASE OF UP TO 27 TIMES ◆ 68030/40 OR 60 PROCESSOR RUNNING AT 25/40 OR 50MHZ (NEW PROCESSOR CHIP - NOT OVERCLOCKED) ◆ MMU IN ALL PROCESSORS ◆ UP TO 32MB OF RAM CAN BE ADDED ◆ KICKSTART REMAPPING ◆ OPTIONAL SCSI-II INTERFACE ◆ CAN ACCOMMODATE A 72-PIN INDUSTRY STANDARD SIMM ◆ 68040/60 HAVE BUILT-IN FPU, 68030 CARD HAS OPTIONAL PLCC/PGA TYPE FPU (FLOATING POINT UNIT) ◆ BATTERY BACKED CLOCK/CALENDER ◆ TRAPDOOR FITTING - DOESN'T VOID WARRANTY ◆ PCMCIA COMPATIBLE SO YOU CAN STILL USE PRODUCTS SUCH AS OVERDRIVE HD OR CD/ZAPPO CD-ROM OR SQUIRREL ◆ ZERO WAITE STATE DESIGN.

LOWEST EVER PRICES

FREE UK DELIVERY

	0MB	4MB	8MB	16MB	32MB
RAM8	£49.99	£89.99	£119.99	N/A	N/A
RAM8 & 33MHz FPU	£79.99	£119.99	£149.99	N/A	N/A
68030/25MHz & FPU	£99.99	£139.99	£169.99	£209.99	£279.99
68030/40MHz	£129.99	£169.99	£199.99	£239.99	£309.99
68030/40MHz & FPU	£149.99	£189.99	£219.99	£259.99	£329.99
68030/50MHz	£169.99	£209.99	£239.99	£279.99	£349.99
68040/25MHz	£249.99	£289.99	£319.99	£359.99	£429.99
68040/40MHz	£329.99	£369.99	£399.99	£439.99	£509.99
68060/50MHz	£499.99	£539.99	£569.99	£609.99	£679.99

SCSI-II Interface for the Magnum 68030/68040 & 68060 Cards - Warranty safe installation, supplied with software - **£79.99**

SATURN

External 1Mb Floppy Drive for all Amigas

FREE OPUS 4.12 WORTH £50
FREE 3 GAMES WHILE STOCKS LAST

COMPATIBLE WITH ALL AMIGAS ◆ HIGH QUALITY SONY DRIVE ◆ ROBUST METAL CASE ◆ ANTI-CLICK AS STANDARD ◆ ENABLE/DISABLE SWITCH ◆ LOW POWER CONSUMPTION ◆ THRU PORT FOR EXTRA DRIVES **£39.99**

OR **£59.99** WITH POWERCOPY PRO 3 - THE BEST BACKUP SYSTEM

TURBOPRINT 4.1

Printer Enhancement Software

IF YOU HAVE A PRINTER - YOU MUST GET TURBOPRINT 4.1. IT RADICALLY ENHANCES THE PRINTOUTS YOU NORMALLY GET BY REPLACING THE AMIGA PRINTER SYSTEM WITH THE FASTER AND VISIBLY BETTER TURBOPRINT SYSTEM. OPTIONS INCLUDE POSTER PRINTING, COLOUR CORRECTION, DITHERING, COLOUR BALANCING, ON-SCREEN PREVIEW AND MUCH MORE... MOST PRINTERS ARE SUPPORTED -CALL TO CHECK. AMIGA SHOPPER 90%. **£49.99**

QUARTERBACK DISK SUITE

Quarterback 6.1 & Quarterback Tools Deluxe

THE CLASSIC QUARTERBACK 6.1 AND QUARTERBACK TOOLS DELUXE ARE BACK ON SALE. CONSIDERED BY MOST AS THE DISK BACKUP AND DISK RECOVERY PROGRAMS WE HAVE AVAILABLE, FOR A LIMITED PERIOD, THE TWO PACKAGES COMBINED AT AN UNBELIEVABLE PRICE (NORMALLY £79.99). DISK BACKUP AND DISK RECOVERY/OPTIMISATION ARE TWO KEY TASKS THAT JUST SHOULDN'T BE LEFT TO INFERIOR PD ALTERNATIVES. GET THE BEST *GET THE QUARTERBACK DISK SUITE.* **£34.99**

ENTERPRISE

DeskTop Workstations for all Amigas

SINGLE WORKSTATION
507 x 95 x 315MM
~~£29.99~~ **£24.99**

DOUBLE WORKSTATION
507 x 155 x 315MM
~~£34.99~~ **£29.99**

WIDE WORKSTATION
665 x 95 x 315MM
~~£34.99~~ **£29.99**

ALL SIZES ARE W x H x D

£5 OFF FOR A LIMITED PERIOD

GP FAX

Fax Software Solution for all Amigas with a Modem

SEND FAXES TO AND FROM YOUR AMIGA.
EVEN FAX DIRECTLY FROM YOUR APPLICATION.
AMIGA FORMAT GOLD
AMIGA COMPUTING 9/10
FAX COMPATIBLE MODEM REQUIRED
£44.99

EASYLEDGERS 2 - THE ONLY FULL ACCOUNTS PACKAGE, LEDGER BASED ACCOUNTS SYSTEM, AMIGA FORMAT GOLD

CALL ABOUT TRAIL OFFER

HARD DISK & 2MB RAM REQUIRED **£119.99**

33MHZ FPU KIT - PLCC TYPE FPU & CRYSTAL - WILL FIT MOST CARDS - CALL TO CONFIRM. **£34.99**

DISKS

50 DISKS & COLOUR LABELS	£14.99
100 DISKS & COLOUR LABELS	£24.99

OTHER PRODUCTS

A500 512K RAM EXPANSION	£17.99
A500PLUS 1MB RAM EXP.	£24.99
A600 1MB RAM EXPANSION	£24.99

ALL WITH A FREE OPUS 4 WORTH OVER £50

4MB 72-PIN SIMM	£40
8MB 72-PIN SIMM	£70
16MB 72-PIN SIMM	£110
32MB 72-PIN SIMM	£180

ALL SIMMS ARE NEW AND HAVE A 1YR WARRANTY

560DPI 3 BUTTON MICE & MATS

for all Amigas & Atari STs

NEW FREE AMIGA DRIVER DISK

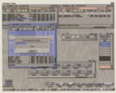
AWARD WINNING 560DPI RESOLUTION ◆ 90% RATING IN CU AMIGA ◆ MICRO SWITCHED BUTTONS ◆ AMIGA/ATARI ST SWITCHABLE ◆ ALL 3 BUTTONS CAN BE USED WITH MANY PROGRAMS SUCH AS DIRECTORY OPUS 5

BEIGE **£12.99** BLACK **£14.99**
MAT **£2.99** OR **£1** WITH A MOUSE

DIRECTORY OPUS 5

VERSION 5.5 NOW SHIPPING

THE BEST JUST GOT BETTER! AFTER 12 MONTHS OF FURTHER DEVELOPMENT OPUS 5.5 IS NOW READY AND SHIPPING. STUNNING NEW FEATURES INCLUDE:- ◆ ICON ACTIO MODE ◆ WORKBENCH REPLACEMENT MODE DRAMATICALLY ENHANCED ◆ OPUSFTP CAPABILITY TO ACCESS INTERNET FTP SITES WITH A LISTER ◆ BORDERLESS BUTTON BANKS ◆ FILETYPE-SPECIFIC POP-UP MENUS ◆ CYBERGRAPHICS RTG SUPPORTED ◆ INDEPENDENT HOTKEYS ◆ SCRIPT SYSTEM TO EXECUTE COMMANDS UP EVENTS ◆ MULTIPLE CUSTOM MENUS WITH SUB ITEMS ◆ AUTOMATIC FILETYPE CREATOR TO CREATE AND TES FILETYPES WITH EASE ◆ A FONT VIEWER ◆ LISTERS FIELDS FOR TITLES, RE-SORTING BY FIELDS, PLUS A 'VERSIO FIELD ◆ COLOUR RE-MAPPING OF BUTTON/ICON IMAGES WITH SUPP FOR 'MAGIC WORKBENCH' ETC. ◆ SELECTIVELY HIDE UNWANTED DR ICONS ◆ CLIPBOARD SUPPORT FOR CUT, COPY AND PASTE IN GADGE & LISTERS ◆ RESIZE, ICONIFY, AND SCROLL BUSY LISTERS WHILE B ◆ ICON AND LISTER SNAPSHOTS ARE STORED SEPARATELY FROM WORKBENCH - SO YOU COULD SNAPSHOT YOUR CD-ROM ICONS ◆ LISTERS CAN NOW DISPLAY A BACKGROUND PICTURE/PATTERN ◆ INTERNAL OPUS CLI TO QUICKLY TEST COMMANDS & AREXX SCRIPTS ◆ MANY NEW INTERNAL COMMANDS AND MANY NEW AREXX COMMANDS HAVE BEEN ADDED OR EXTENDED WITH NEW FEATURES. YOU CAN NOW EVEN ADD YOUR OWN INTERNAL COMMANDS! **£49**



Workbench 2+ & Hard Disk Required

PRO SYSTEM

Complete A1200 Hard Disk Kits

FREE OPUS 4.12 WORTH £50

640MB	£149
1.0GB	£179
1.6GB	£219

INCLUDES BRACK-IT SYSTEM (NORM. £35) & UK DELIVERY

NEED THE DRIVE INSTALLED A PROFESSIONAL ENGINEER OUR COLLECTION, FITTING A DELIVERY SERVICE IS JUST - CALL FOR MORE DETAILS

YES, AT LONG LAST, A PROFESSIONAL WAY TO INSTALL A HIGH CAPACITY HARD DISK WITHOUT CARDBOARD & GLUE! OUR PACKS OFFER YOU OUR EXCLUSIVE AND COPYRIGHTED BRACK-IT 1200 FITTING SYSTEM & A CHOICE OF HIGH SPEED/LOW COST HARD DISKS.

3 YEAR WARRANTY

BRACK-IT 1200 FITTING SYSTEM

DESIGNED TO ACCOMMODATE THE NEWER DRIVES ON THE MARKET OFFERING HIGH CAPACITY & SPEED AT GREAT PRICES. OUR PACK INCLUDES ROBUST STEEL FITTING BRACKETS, ALL CABLES FOR POWER AND DATA, INSTRUCTIONS & 7 DISKS FULL OF HOT SOFTWARE SUCH AS DIRECTORY OPUS 4.12 (WORTH £50), MUI 3, MCP, GALAGA AGA, VIRUS CHECKER, MODS, REORG, ABACKUP AND MUCH MORE. ALL SOFTWARE CAN BE INSTALLED WITH OUR CUSTOM CLICK 'N' GO SYSTEM. ALL DRIVES ARE PRE-INSTALLED WITH THE SYSTEM SOFTWARE & ABOVE DISKS - UNLIKE OTHERS WE PROVIDE THE DISKS JUST IN CASE!

REPAIRS

by Qualified Technicians

PRICES INCLUDE COLLECTION & DELIVERY

- ALL AMIGA COMPUTERS COVERED
- PRICES FROM AS LITTLE AS £29.99
- MANY REPAIRS BY WIZARD REQUIRE NO PARTS
- PRICES INCLUDE INSURED COURIER *COLLECTION & DELIVERY*, LABOUR, FULL DIAGNOSTICS, SERVICE, SOAK TEST & VAT.
- FAST TURNAROUND
- ALL TECHNICIANS ARE TRAINED & FULLY QUALIFIED
- UPGRADES BOUGHT AT SAME TIME FITTED FREE!
- 90 DAYS WARRANTY ON ALL REPAIRS

ALL FOR JUST **£29.99** + PARTS

BSB

Books & Videos

INSIDER GUIDE - A1200	£14
INSIDER GUIDE - A1200 NEXT STEPS	£14
INSIDER GUIDE - ASSEMBLER	£14
INSIDER GUIDE - DISKS & DRIVES	£14
INSIDER GUIDE - WORKBENCH 3 A TO Z	£14
TOTAL! AMIGA - WORKBENCH 3	£19
TOTAL! AMIGA - AMIGADOS	£21
TOTAL! AMIGA - AREXX NEW	£21
TOTAL! AMIGA - ASSEMBLER	£24
MASTERING AMIGA SCRIPTS	£19
MASTERING AMIGA BEGINNERS	£19
MASTERING AMIGA PRINTERS	£19
MASTERING AMIGADOS 3 - REFERENCE	£21
MASTERING PROGRAMMING SECRETS	£21
AMIGADOS PACK TOTAL! AMIGA - AMIGADOS & MASTERING AMIGADOS 3 - REFERENCE USUALLY £43.94 - SAVE NEARLY £9	£34
A1200 BEGINNER PACK 2 BOOKS (INSIDER A1200 & NEXT STEPS), A 60 MI VIDEO, 4 DISKS OF PD TO GO WITH THE BOOKS/VIDEOS	£39
A1200 WORKBENCH 3 BOOSTER PACK 2 BOOKS (DISKS & DRIVES & WORKBENCH 3 A TO Z), 90 MINUTE VIDEO, 1 DISK & REFERENCE CARD	£39

WIZARD DEVELOPMENTS

FREE UK DELIVERY

ORDER HOTLINE

01322-527800

OR FAX **01322-527810**

CONTACT US ON INTERNET
SALES@WIZARD-D.DEMON.CO.UK

BETWEEN 9AM AND 5.30PM, MONDAY TO SATURDAY, TO PAY BY CREDIT CARD. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE SEND YOUR ORDER TO - WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

Cheques should be made payable to WIZARD DEVELOPMENTS. Prices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other countries. All products are subject to availability. E&OE. Advertised prices & specification may change without notice. All sales are subject to our trading conditions - copy available on request.

PC TASK 4.0

Advanced 486 PC Software Emulator

RUN PC PROGRAMS WITHIN AN AMIGA WINDOW, USE YOUR AMIGA HARD DISK, RUN WINDOWS 3 & MS-DOS, VERSION 4 NOW ALLOWS:- 486 EMULATION, CD-ROM SUPPORT, CYBERGRAPHICS SUPPORT & MANY INTERNAL SPEED ENHANCEMENTS. V4.0 REQUIRES AN '020 PROCESSOR OR BETTER.

CALL ABOUT UPGRADES **£69.99**

IMAGE FX 2.6

The Complete Image Processing Solution for all Amigas

THE BEST IMAGE PROCESSING PACKAGE THERE IS FOR THE AMIGA. AMIGA FORMAT GOLD - CU AWARDS. BUBBLE FILTER, FIRE FX, WIRELESS HOOKS, SHEAR & STRAW MODES, ENHANCED LIGHTNING EFFECTS, FILMGRAIN ADD/REMOVE, LIQUID DISTORTION, SPONGE DRAWMODE, SPARKLE EFFECT & MUCH MORE ARE IN VERSION 2.6.

2MB & HARD DISK REQ. **£179**

News

ECTS flops for Amiga

But Guildhall signs important deals

Although it was one of the biggest trade shows in recent history, the ECTS (European Computer Trade Show) had very little to show for itself on Amiga. Despite millions of pounds being spent on stands by the likes of Virgin and Acclaim it was only among the smaller nooks and crannies that Amiga titles appeared, the main point of contact being the Guildhall leisure stand.

Guildhall were displaying the 10 out of 10 range of educational software along with new titles from Audiogenic such as Brian Lara Cricket '96. They were also investigating the distribution of a range of games from a Polish company called Mirage Software – not to be confused with the UK based Mirage, developers of Rise Of The Robots and other titles.

More news from Guildhall concerned the licencing of the rights to MicroProse and Codemasters' one back catalogues of games, to resell as budget titles. The Microprose deal is, according to Guildhall's Managing Director, Giles Hunter, "very close to completion", while the Codemasters one should be sorted out by mid October. Hunters' ultimate aim is to release a complete back catalogue of games at attractive prices from these publishers in time for Christmas. They are also talking to other publishers with a view to similar deals, so the shops should be filling up with Amiga games again soon.

Other Amiga games being promoted at the show were Chaos Engine 2 (once again on the Warner stand – and our cover story this month), XP8 and Ruffian. The latter was originally reviewed last year and was due for release at the time by Grandslam, who, at the last moment, dropped the title. The programmers have now decided to go ahead with distributing and publishing the game themselves, having tweaked the product a little (it is re-reviewed on page 41).

Andy Davidson, fresh from being interviewed for The Times computer supplement, Interface, was at the show telling everyone that the PC is crap and the Amiga rules. In fact he was adamant that Worms AGA (previewed exclusively in CU Amiga Magazine September 1996) is going to be on time and absolutely fantastic. More news on this (and the Alan Dykes revenge worm he is planning to include in the game) in the coming months.

The ECTS has in the past been a showcase for Amiga software along with every other computer and console format under the sun. Traditionally held in both Spring and Autumn in 1997 it seems likely that the Spring show will be cancelled to make way for a much bigger annual show in the Autumn. If this is the case both hardware and software developers have a full year to get the themselves together to put on a better show than they did (apart from stalwarts Guildhall) this year.

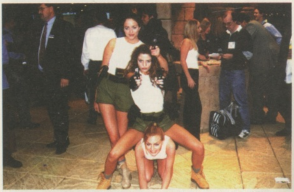
You can contact Guildhall Leisure on 01302 890000 and Team 17 on 01924 267776.

Test Your Chil

▲ Guildhall leisure were flying the Amiga flag with products from 10 Out of 10, Audiogenic and more.

▲ Ian Jenkins from Effigy software was showing off XP8 at ECTS.

▲ Andy Davidson smiles at the thought of Worms AGA. "Yep, it'll be ready soon".



▲ Gratuitous babes photo alert. Eidos' Tomb Raider models attracted a lot of attention (and probably cost a lot of money), but we wanted to know why it won't be available for Amiga.

PIOS Proceeds Down Different Path

John Smith of PIOS cleared up the situation regarding their clone computer recently, announcing that it would indeed be a Macintosh clone, based around the PowerPC chip and Mac OS 7.5.3. As far as the Amiga is concerned, and as their Web site indicates, PIOS are having problems communicating with VIScorp over licencing the Amiga OS (the buyout, re-scheduled to have been completed on September 18th is still not being confirmed at the time of going to press). As a result they have gone for a new project called 'PIOS 1', which will not be based on Amiga OS, but on a different OS called BeOS, which is being developed with the aid of ex-Commodore engineer Dave Hanie. This system is not compatible with Amiga but is, in the words of Mr Smith "in the spirit of Amiga" and is "the fastest way to progress under the current circumstances." PIOS needs to get a machine on the market as soon as possible, and waiting for VIScorp to sanction a new OS and get licencing arrangements set up will delay this too long.

PIOS were present at the ECTS in an attempt to drum up support from software publishers for their project, but were unwilling to comment on their success apart from saying "some Amiga developers have expressed an interest, but we can't say more than that."

Mirage of Poland

Mirage Software from Warsaw, in Poland have never had an Amiga game published in the UK, but their Sales Manager, Lech Buszczynski, claims that they have literally dozens of Amiga titles available. There's one problem however: they're all in Polish! (As in the language not stuff you put on your shoes.)

We previewed Super Taekwondo Master and Rock Star two months ago, and they've now sent us even more as yet unpublished titles, with interesting names like: Mortal Weapon, CyberForce, Pinball Hazard, Dan Wilder, Gate 2 Freedom, Domain, Jurajski, Rooster and Project Battlefield. Not all of these are of full price quality but some like the aforementioned Super Taekwondo Master, Pinball Hazard and the Doom Clone, Project battlefield, show some promise. Guildhall showed some interest in the games at ECTS, although Mirage may have to get some more reliably translated before a UK distributor takes them on. They might also have to adopt a flexible approach to their company title, as the UK firm of the same name are likely to object.

GATE 2 FREEDOM
AMIGA

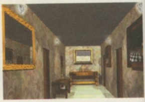
PINBALL HAZARD
MIRAGE

Direct To Your Door

A new company has set up with the aim of a two pronged attack on the Amiga market: in retail and in software publishing.

Direct Software's shop, based in Northampton, originally stocked all platforms, however as Amiga sales far outnumbered other formats they are now an Amiga-only shop. Convinced of the Amiga's long term success, Amiga Director, Steven Flowers said: "We do not tolerate any discussion on the 'fate of the Amiga', there is no fate, only a future for this machine".

Their new game, Haunted, which is in the early stages of development (see screenshot below) will be a murder mystery affair. We should have a preview very soon.



Stateside

By Jason Compton

Cut price CD-ROMs
Fred Fish, grandfather of freely redistributable software on the Amiga, is cutting prices on Amiga CD-ROMs. The budget line of 'CD Sensations' from Schatztruhe are available for US$12 each and the newest Aminet Set 3 is only US$36. Virtually all Amiga products have been discounted.

Cronus, the company that grew out of Fred Fish's Amiga Library Services, publishes original Amiga titles and acts as the distributor for GTI of Germany. Cronus can be reached at +602-491-0442 voice, +602-491-0048 fax, or http://www.ninemoons.com online.

Myst fake aftermath
Spurred on by the amount of supportive response they have received Myst's creators, Cyan, have begun considering the realities of implementing and publishing Amiga Myst. So far, no commitments have been made. However, Cyan representatives have discussed the Amiga and the potentials of Myst with both VIScorp and Amiga game developers in the US and Europe.

Cheap memory for A3000s
The A3000 is regarded by many as Commodore's best Amiga hardware design. One of the drawbacks to the machine for the modern user is its memory system. At the time it was developed, SIMMs were not the industry standard they are today, and as such Commodore chose a different memory system using now-scarce ZIP chips.

Keith Siders of ProvTech, an American Amiga hardware company, has found a solution. The AmiFAST 3000 card replaces the ZIPs in your A3000 and gives you up to four SIMM slots to expand your machine to up to 16Mb of Fast RAM. The card is available as a finished product, a kit, or a bare PCB – the latter two options are less expensive, but only recommended for hardware enthusiasts who enjoy building their own projects.

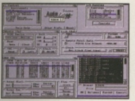
The AmiFAST is already shipping in early order quantities and a fully-decked out AmiFAST board (with 16Mb of memory installed) is expected to cost well under US$250 at current RAM pricing.

Finally out
Amiga Atlanta has finally released its 10th Anniversary banquet videotape, dubbed X-10. At press time, pricing was not yet available. The videotape commemorates Amiga Atlanta's groundbreaking 10th anniversary celebration, held in a banquet hall with nearly 150 attendees. Among the celebrities that were on tap (and on tape) for the evening were RJ Mical, father of Intuition, Dale Luck, whose name is burned into the early Amiga libraries, and Dave Haynie, Amiga hardware guru.

Amiga Shows coming up
October: The Midwest Amiga Exposition.
November 29-Dec 1st: Amiga Fest '96, Toronto. For more information, contact the Amiga Fest organizers at +519 393 6270, amazing@cyg.net.
December 13-15: Toronto World of Amiga show. For more information, contact show organizer Christine Vetzal at 613-721-1993.
March 15 and 16: The St Louis Gateway show, Virginia/Washington DC. For inquiries, contact show chairman Bob Scharp at 14850 Phelps Dr., Bridgeton, MO 63044 USA.

AudioLab for Delfina

Maurizio Ciccione's AudioLab 16 is now available in a new version, written specifically for Petsoff's new Delfina DSP sound card (reviewed this issue). Rated at an impressive 84% in the August 96 issue of CU Amiga Magazine, AudioLab 16 is a multi purpose sound processing tool and hard drive audio sequencer with an emphasis on professional quality results. It's the perfect companion for Delfina, reviewed on page 50 of this issue. AudioLab's effects processing can now be carried out much faster and with higher bandwidth with Delfina's 24 bit DSP chip, while 16-bit input and output should ensure the quality of the end results.



We'll take a closer look at the Delfina/AudioLab combination very soon. AudioLab 16 is available from Maurizio Ciccione, Neghelli 9, Alassio (SV) 17021, Italy. Alternatively contact Petsoff at PO Box 1009, FIN-53301 LPR, Finland (E-mail: petsoff@sci.fi fax: 00 358 5 452 3374). A demo of AudioLab 16 can be found on Aminet in the mus/edit section.

Turkish American Revolution Sim

Unlikely though it may seem, an American Revolution sim has arrived on our desk from Istanbul, Turkey. It is a turn based game where you take over command of either British troops trying to resist the rebellion, Colonial troops trying to create it, German mercenaries helping the British or the French, who are trying to manipulate Britain's disadvantage to their benefit by helping the colonials. It's neatly put together and you can visit most of the towns, cities and settlements on the east coast of Her Majesty's Colonies and fight histronic battles.

There is a rolling demo of the game on our CD-ROM this month. For details of how to get hold of the game contact the developer Murad Omay direct by fax in Turkey on +90 (212) 259 07 91.

Power at a low price

HiQ have announced a special low price edition of their Power Station, the all in one solution for adding peripherals to your Amiga A1200 without actually ripping its guts out and sticking the motherboard into a tower system. This version of the Power Station comes complete with an 8-speed SCSI CD-ROM drive, 200 watt power supply with plenty of HD points and a HISoft Surf Squirrell as standard, giving fast serial as well as SCSI II capability. The price? £329.95. Various options are also available. HiQ are on 01525 211327.

The Amiga Zone Moves

The Amiga Zone, one of the oldest online gathering places for Amiga users and information, is moving. Harv Laser, moderator and founder of the Amiga Zone, is moving the service to CalWeb, a California-based Internet service provider.

CalWeb is continuing the Amiga Zone policy of extensive Internet support for Amiga users and unlimited access for US$19.95/month. (Connection fees, where they apply, are extra.) CalWeb will be accessible via Telnet, meaning that Amiga users with existing Internet service can access the Amiga Zone through their own ISP.

For signup information, contact CalWeb at 916-641-9320, http://www.calweb.com. To check out the Amiga Zone's new home page, visit http://www.amiga-zone.com.

Bristol Reserve

Special Reserve have asked us to let you know that they have just opened a shop in Bristol. They will be supplying Amiga games as well as hardware and peripherals. The address is 349 Gloucester Road, Horsfield, Bristol.

In the October issue we ran a review of MacLite Emulation which said there was a slight bug Cybergraphics drivers. However there isn't, once a a suitable screen mode has been set up MacLite works perfectly.

CU AMIGA MAGAZINE

NEEDS YOU!

We have a vacancy for a

STAFF WRITER

Have you got what it takes to cut it as a staffy on the world's best Amiga magazine? Could you work to deadlines and write sparkling copy about the best computer in the world? In short, do you fit the following requirements:

An in-depth knowledge of the Amiga

The ability to take one apart and put it back together with your eyes closed

Experience in programming and a knowledge of the shareware market

Preferably some knowledge of 3D rendering and graphics

An ability to write to deadlines

Tons of ideas for features

If so you're a candidate for the job. To proceed further please send a CV along with an accompanying letter telling us about yourself and a 300 word typed review of a product you have recently bought to:

Sandra McClean, Publisher, CU Amiga Magazine, EMAP Images, Priory Court, Farringdon Lane, London EC1R 3AU.

All CVs will be treated in the strictest confidence. Closing date for receipt of applications is 30 October 1996.

Advertisers' Index

1ST COMPUTER CENTRE	PAGE I.FC. & 3	(0113) 231 9444
17 BIT SOFTWARE	PAGE 40	(01924) 366982
ACTIVE SOFTWARE	PAGE I.B.C.	(01325) 352 260
ANALOGIC	PAGE 45	(0181) 546 9575
APPLAUD SOFTWARE	PAGE 39	(01283) 217270
CARE ELECTRONICS	PAGE 67	(01923) 894064
CLICK BOOM	PAGE O.B.C.	(001 416) 868 6388
CU AMIGA CLASSIFIEDS	PAGE 90-94	(0171) 972 6700
DART COMPUTERS	PAGE 67	(0116) 247 0059
DIRECT SOFTWARE	PAGE 39	(01604) 722499/ (01623) 759498
EIDOS INTERACTIVE	PAGE 9	(0121) 606 1800
EPIC MARKETING	PAGE 32 & 33	(01793) 490988
GASTEINER	PAGE 26	(01810 345 6000
GORDON HARWOODS	PAGES 6,24,25,29	(01733) 836781
GREYTRONICS	PAGE 57	(0181) 686 9973
G.T.I.	PAGE 37	(004 961) 7185937
HISOFT	PAGE 13	(01525) 71818
HI Q	PAGE 43	(01525) 211327
LH PUBLISHING	PAGES 10, 42	(01908) 370230
MARPET DEVELOPMENTS	PAGE 52	(01423) 712600
MICROVITEC	PAGE 23	(01274) 390011
OWL ASSOCIATES	PAGE 42	(01543) 250377
PREMIER MAIL ORDER	PAGE 81	(01268) 271172
RESPONSE ADVERTISING	PAGE 67	(01423) 530691
SADENESS PD	PAGE 53	(01263) 722169
SELECTAFONT	PAGES 30, 67	(01702) 202835
SIREN SOFTWARE	PAGES 18,19	(0161) 7965279
SOFTWARE 2000	PAGES 58,59	(0374) 678068
SPECIAL RESERVE	PAGE 31	(01279) 600204
V12 PD	PAGE 64	(01507) 450114
VISAGE COMPUTERS	PAGE 46	(0115) 9444501
WEIRD SCIENCE	PAGE 74	(0116) 2340682
WIZARD DEVELOPMENTS	PAGE 14	(01322) 527800

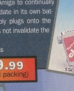
"World of A1200" & "T
FREE with every C

MEMORY EXPANSIONS

A1200 trapdoor fitting memory expansions feature a battery backed clock and a socket for an accelerator FPU. ***NEARLY DOUBLES THE SPEED OF THE A1200***

4mb Memory Expansion	£84.99
8mb Memory Expansion	£104.99
33mhz 68882 FPU (plcc)	£29.99

CLOCK CARTRIDGE



Our unique and highly rated external Clock Cartridge will enable your Amiga to continually store the correct time and date in its own battery backed memory. Simply plugs onto the back of the Amiga and does not invalidate the warranty.
Compatible with ALL Amigas

ONLY £19.99
(plus £1.00 postage and packing)

EZ DRIVES

Incredibly fast (upto 4x faster than a ZIP drive) SCSI drive will store a massive 135mb per cartridge. Comes complete with power supply, SCSI cable, instructions and cartridge.
THE ULTIMATE REMOVABLE DRIVE

EZ DRIVES	£159.99
OR with Squirrel or Dataflyer	£209.99

ZIP DRIVES

Highly rated SCSI drive will store 100mb per cartridge. Comes Complete with power supply, SCSI cable, instructions and cartridge.

ZIP DRIVES	£159.99
OR with Squirrel or Dataflyer	£209.99
100mb ZIP cartridge	£15.99

DATAFLYER SCSI+

Now includes CD ROM drivers and instructions.
The Dataflyer is a 16 bit SCSI II controller card that converts the signals on the internal IDE interface to also run SCSI devices at the same time as the IDE hard drive. The Dataflyer SCSI+ will operate up to 5 SCSI devices such as CD-ROMS, hard drives, Syquest removable drives, tape back up drives etc. Unlike other SCSI interfaces, the Dataflyer SCSI+ is compatible with all known accelerators etc and it does not stop you from utilising any of the important expansion ports on your A1200/A600. The Dataflyer SCSI+ easily installs into the A1200/A600 (simply pushes in, no need to remove the metal shield) and provides a 25 way D connector through the blanking plate at the back of the A1200. *Full instructions and software supplied.*

SURF SQUIRREL	£89.99
DATAFLYER SCSI+ ONLY	£79.99
SQUIRREL SCSI INTERFACE ALSO AVAILABLE FOR ONLY	£59.99
PCMCIA fitting SCSI interface	

DISCOLOGY

Discology is the ultimate in disk copying power for the Amiga. The package comprises the Discology Disk, manual and Discology cartridge for making copies of heavily protected programs with an external disk drive. Discology will also format disks, check disks for errors etc.
PLEASE PHONE FOR A FULL INFORMATION SHEET

AMAZING SPECIAL OFFER

£19.99 EACH OR BUY BOTH FOR £24.99

ANTIVIRUS

Anti Virus Professional is the most powerful tool for detecting and removing viruses. Anti Virus pro will check and device hard drives, floppy disks and *even CD ROM drives* for viruses. Very straight forward to use, includes a full 50 page manual.
ORDER NOW BEFORE A VIRUS DESTROYS YOUR SYSTEM !!!
PLEASE PHONE FOR A FULL INFORMATION SHEET

SPEEDCOM MODEMS

Our highly rated, top quality feature packed modems are ideal for Amiga users. All modems include our **FREE MODEM ACCESSORIES PACK (worth £19.99)** which includes a cable to connect the modem to the Amiga, NCOMM comms software, Amiga Guide to Comms and a list of Bulletin Boards from which you will be able to download vast amounts of free software as well as have access to E-MAIL facilities.
• MNP 2-4 Error Correction • MNP 5 Data Compression • Fax Class I and II compatible, Group 3 • Hayes Compatible • Full 80 page manual • 12 Months guarantee

SPEEDCOM+B (14,400 V32bis)	£79.99
SPEEDCOM+BF (28,800 V34)	£139.99
NET AND WEB SOFTWARE	£34.99
GP FAX SOFTWARE	£44.99

ASIM CDFS 3.6

This superb package is a must for any CD-ROM user. Includes CD32 & CDTV emulation, audio CD player software including librarian features, Direct reading of 16 bit audio samples, full support for Kodak and Corel Photo CD Discs. Includes the 'FISHMARKET' CD-ROM disk packed with public domain Fred Fish disks and a huge 115 page information packed spiral bound manual.

ASIM CDFS only £49.99

Freephone 0500 3405

T 00 Games™ CDs
COM drive!!!

ons.
ls on
s the
such
rives
e with
ny of
CSI+
hield)
struc-

2.5" HARD DRIVES

Our high speed 2.5" IDE hard drives for the Amiga A1200 & A600 computers come complete with fitting cable, screws, partitioning software, full instructions and 12 months guarantee. All drives supplied by us are formatted, partitioned and have Workbench (WB2 for the A600 and WB3 for the A1200) installed for immediate use. Fitting is incredibly simple; if you can plug the mouse into the mouse socket, you can plug the hard drive into the hard drive socket.

PLEASE PHONE FIRST!

***FREE* WHILE-YOU-WAIT FITTING SERVICE FOR PERSONAL CALLERS**

***FREE* 'HOW TO FIT YOUR HARDDRIVE'** video and Stakker disk to increase the drive's capacity with every hard drive ordered

85mb	**£89.99**
250mb	**£119.99**
340mb	**£169.99**
540mb	**£214.99**

A500/+250mb Hard Drive £209.99

SCSI CD ROM DRIVES

MEDIAVISION 'RENO'

Double speed CD ROM DRIVE complete with power supply, SCSI cables, docking station and full instructions. Also includes stereo headphones and carrying case for use as personal CD player.

DOUBLE SPEED CD ROM UNDER £150!!

RENO CD WITH SQUIRREL	**£149.99**
RENO CD WITH DATAFLYER	**£159.99**

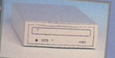
COMPAQ DUAL SPEED SCSI CD-ROM DRIVE

Top of the range famous make CD-ROM drive

COMPAQ AMAZING VALUE 2 SPEED CD-ROM with Squirrel ONLY £154.99

PANASONIC CD ROM DRIVES

Amazing value external SCSI CD ROM drive in a top quality enclosure.



PANASONIC CD ROM DRIVES

2 SPEED	**£159.99**
6 SPEED with squirrel or Dataflyer	**£234.99**
6 SPEED with squirrel or Dataflyer	**£259.99**

ULTRA CD ROM DRIVE

Superb IDE CD-ROM drive system for the A1200. Fully featured, top quality drives in a top quality enclosure with built in power supply. All cables, instructions, software including CD32 emulator and audio CD player etc., included for immediate use. The CD-ROM interface supply plugs inside the A1200 (exceptionally easy to fit by anybody) and provides a connector in the blanking plate at the rear of the A1200, next to the mouse socket.

PLEASE PHONE FOR FURTHER DETAILS AND INFORMATION SHEET

ULTRA 4 SPEED	**£169.99**
ULTRA 6 SPEED	**£199.99**
ULTRA 8 SPEED	**£239.99**

LOWER PRICES

APOLLO A1200 ACCELERATORS

APOLLO 1220

Amazing power for such a low price. This superb accelerator uses a 68020 running at 28hz and comes complete with a 68882 FPU to enable your A1200 to run at 5 MIPS (million instructions per second)! Uses standard 72 pin SIMMS and includes a battery backed clock. Simple trapdoor fitting.

APOLLO 1220 ONLY	**£99.99**
APOLLO 1220 +4mb	**£139.99**

APOLLO 1230/25 lite

68030 with MMU and FPU running at 25mhz. Battery backed clock and single SIMM for up to 8mb of RAM

NEW

APOLLO 1230/50 pro

As above running at 50mhz with two SIMM sockets. Can take up to up to 64mb of RAM

APOLLO 1230/25 LITE	**£99.99**
+4MB	**£139.99**
+8MB	**£164.99**
APOLLO 1230/50 PRO	**£169.99**

APOLLO 1240/60

68040/68060+MMU based A1200 accelerator. Features battery backed clock and a 72 pin socket for a standard 72 pin SIMM (up to 128mb). Fully featured, fan cooled trapdoor fitting accelerator.

16MB SIMM ONLY £100 WHEN PURCHASED WITH A 1240 OR 1260!!

APOLLO 1240/25mhz	**£299.99**
APOLLO 1240/40mhz	**£449.99**
APOLLO 1260/50mhz	**£574.99**
1240/1260 SCSI interface	**£79.99**
8mb SIMM	**£64.99**
16mb SIMM	**£139.99**
32mb SIMM	**£274.99**

siren

No.1
FOR MAIL ORDER

No.1
FOR AMIGA
IN MANCHESTER

Order NOW for immediate despatch

FREEPHONE
0500 340548
(credit/switch card sales only)

for enquiries

tel: 0161 796 5279

fax: 0161 796 3208

Send cheques or postal orders (made payable to Siren Software) or credit card details to:-

SIREN SOFTWARE,
178 BURY NEW RD,
WHITEFIELD,
MANCHESTER
M45 6QF,
ENGLAND

Access, Visa, Switch, Delta, Connect etc accepted

OPEN:

Monday to Friday 9am to 6pm
Saturday 9am to 12pm

Personal callers welcome.

Please phone first to check availability of any item.

DIRECTIONS:

From the M62 Junction 17 head towards Bury. We are 50 yards on the right hand side after the third set of lights. The door to our premises is next to the florists opposite the Masons Pub.

All prices include VAT. Postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the world.

to place your order

In the palm of your Amiga

PSION
SERIES 3

An Amiga in the palm of your hand? Not quite, but the diminutive Psion mini computer is the perfect little brother. Together they let you take the Amiga experience out on the road.

We're going to have to admit it – there's not going to be a true Amiga portable, notebook or whatever any time soon. Much as it might be handy to have such a light weight Amiga, its custom chip-set technology doesn't lend itself to a low power Amiga. The PAWs machines might be more accurately called 'lugables' rather than true portables.

That's not to say there isn't a way to work on the move. It's just that such a solution would have to be based around a machine that is truly portable and this machine then needs to be linked to the Amiga in some way. The expensive option is to use a PC notebook and link it to the Amiga to share the data. A better option that's both a hell of a lot cheaper and a lot smaller than even a notebook comes in the form of the British developed Psion palmtop computer.

Inexpensive

It might seem odd that we'd be covering another computer platform in CU Amiga but in this case the Psion can be a very useful thing when coupled with the Amiga. The tiny Psion3, 3a and 3c and Siena models are also relatively inexpensive and like the Amiga have multitasking operating system built-in.

This palmtop description isn't an exaggeration either, these units fit into a pocket and run for many hours off a set of two AA batteries. Often called 'organisers' which sadly understates the worth of these machines, the Psions have built-in networking capability and a serial port. Couple this with the PC serial cable and some superb shareware software on the Amiga and we have more than just a tenuous link, the Psion can be made a part of your Amiga.

Psions have some built in software such as a spreadsheet/ database, word processor, spell checker/ thesaurus, agenda/ organiser, alarm clock, world time, calculator and even a nice little Patience card game. And it's got a built in sampler too. These packages aren't limit-

PSION
SERIES 3a
Stand: Mat Bettinson wouldn't be caught without his Psion pocket computer.
Save as
File: Name Psion.txt
Disk REM::DFB:
Use new file No
File type Text
technology doesn't lend itself to a low power Amiga.
The PAWs machines would be more accurately
System
Data
Word
Agenda
Time
World
Calc
Sheet
PSION
3 LINK
Commodore
A600

■ Your Amiga's long lost twin brother?

The Psion Palmtop range

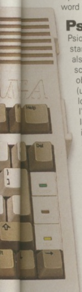
Siena

Psion recently announced two new palmtops in their range which should be available by the time you read this. The Psion 3c is a slightly enhanced 3a model with faster communications (57600 baud versus 19200) and infra-red capability. The infra-red function allows 3cs and Sienas to 'beam' data between each other. At the time of writing, Psion were continuing with the policy of shipping the cable only with the expensive link software. Psion suppliers Clove may be able to advice on a cheaper solution that doesn't involve the expense of the PC software. The 3a's cable has a line driver making it more expensive.

The Siena is the really new baby, however. This cut down 3a is considerably cheaper and smaller. The screen is half the size of the 3a – the other half of the lid is occupied by a numeric keypad. The main keyboard itself is smaller too. It still has the basic suite of powerful software and facilities though, despite its reduced price and the fact that it looks like a more traditional 'organiser'. Unfortunately because of the reduced screen size, it's very likely that much of the existing Psion shareware software won't work. While this isn't as impressive as the bigger models (not that any of them could be described as 'big') it does offer an even better value option for those who just want the word processor and organiser features. It's a shame it doesn't have the brilliant 3a/c spell checker though.

Unlike the 3a, the Siena doesn't have any slots for static RAM and flash RAM cards. These would normally be used as drives to store data and such forth but since the intention is to connect the machine to your Amiga, storage and the lack of the card slots isn't a serious problem. There is an add-on unit which adds an external slot if this capability is necessary. It's likely that commercial software which will work on the Siena in the future will be provided on PC MS-DOS floppy disks where as for the 3a, special ROM cards were used. Even with no 2Mb version, the Siena packs a punch in an even smaller package.

ed to use only on the Psion, the data created by them can be accessed on the Amiga. Especially useful in the case of the word processor.



Psion shareware

Psion software isn't limited to the standard provided packages, it also has its own shareware scene which means you can obtain software for the Psion (usually off the Internet) and load it on via the serial cable. I've got quite a bit of software loaded onto my 2Mb Psion including a map/guide to London, PsionMan MCP clone, terminal package, 3D tank game, Boulderdash clone, off line Web browser, sample editor and more.

Given that the Psion can do all of that and on the move, how do we use it with the Amiga? Well you need a package called AmigaNCP. This is a full networking package for the Amiga which works rather like Parnet. With Parnet you reference a remote device by prefixing is name with NET:. To look in RAM: on the other machine you examine NET:RAM/ instead. AmigaNCP is exactly the same except the device is NCP:.

The filesystem on the Psion is based on MS-DOS which means it's limited to 8.3 filenames. Its drives also look like MS-DOS with single letter designations. A: and B: are the RAM/ROM card slots (yes the Psion has two), while M: is the internal memory, like a RAM: drive in the Psion's battery backed internal memory. This is where all the applications and data are stored that aren't present in its ROM.

Up and running

Installing AmigaNCP is quite easy via the installer script provided but there is a file called NCP.config which will need to be configured by hand. Type the following lines into the AmigaDOS shell;

```
SetENV NCP.config
"DEVICE=serial.device
UNIT=0 BAUD=19200"
```

then;

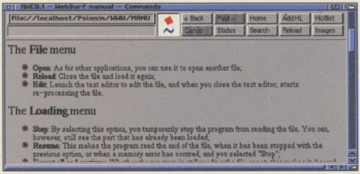
```
Copy ENV:NCP.config ENVARC:
```

Change the number after BAUD to 9600 if you have a Psion 3 and not a 3a, 3c or Siena. All you need to do now is plug in the cable to the Amiga and the Psion and run the software. You run it by clicking on AmigaNCP-FileServer or AmigaNCP-FileSystem. Use the first to allow the Psion to access your Amiga and the second to access the Psion from your Amiga. Note that the link cable has nice 25 and 9 pin connectors on the end, superb for the Surf Squirrel. Plug it in to the Surf Squirrel and alter the DEVICE to squirrel serial.device.

Don't feel tempted to change the baud rate to higher than 19200 unless you're the lucky owner of Psion's latest '3c' or 'Siena' which can handle up to 57600 baud. Once the Amiga side is sorted out, you'll have to select Remote Link from the Psion's 'Special' menu. Toggle the remote link to On and change the baud rate to the maximum allowed which should match the value in NCP.config. A warning with the link cable and the 3/3a, the Psion powers the line driver (the box in the middle of the cable) and so battery life is reduced when in use.

Is all in order?

To test it's all working, get a directory of NCP: as there should be an icon called Psion on your Workbench. You can also use the Shell or a directory utility such as Directory Opus. In the NCP: drive you should see all the Psion's drives listed. Enter the M/ drawer and you see the directories in the Psion's main backup memory. You can copy files to and from your Amiga and Psion with ease. This is



file://localhost/Psion:m/WWW/MANU

The **File** menu

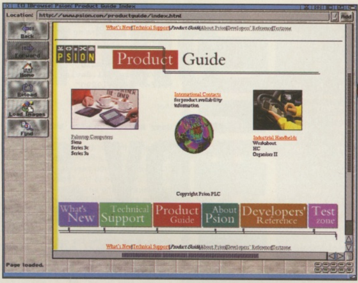
- **Open**: As for other applications, you can use it to open another file;
- **Reload**: Close the file and load it again;
- **Edit**: Launch the text editor to edit the file, and when you close the text editor, starts re-processing the file.

The **Loading** menu

- **Stop**: By selecting this option, you temporarily stop the program from reading the file. You can, however, still see the part that has already been loaded;
- **Resume**: This makes the program read the end of the file, when it has been stopped with the previous option, or when a memory error has occured, and you selected "Stop";

■ **There's plenty of software for the Psion available from the net.**

Continued overleaf ▶▶▶



Location: http://www.psion.com/productguide/index.html

The Internet offers a rich resource of software and support for the Psion palmtop.

in fact how you install Psion software obtained on disk or from this month's massive archive of Psion software on the covermounted CD.

Now to test the Psion side of it, enter the Word application. Type some text and then choose Save As from the menu. Cursor down in the file requester to Disk. Cursor right through this until REM:: appears. You'll be able to move through your Amiga drives like this. Once the drive is chosen cursor down to the filetype and change it to text, fill in a file name and save. Bang, the ASCII file will appear on your Amiga on the chosen drive. Nifty or what?

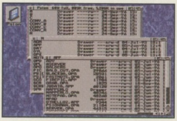
Psion Amiga Shell

There's another trick which can be performed with the Psion and a link cable. When the remote link is enabled on the Psion, choose install with Psion-I again. Change the drive to C: and install the comms application ... a little secret terminal package hidden away on a ROM drive. Turn the remote link off. Set your Amiga's serial prefs to 19200, RTS/CTS etc. Run the comms application and also set it up for 19200 baud, RTS/DTS and leave all the other handshaking options off.

Now on the Amiga, make sure you have AUX: mounted. There may be a mountfile of this name in Devs:Storage/Dosdrivers. Mount this by using Mount followed by the full path to the AUX mountfile. Next, type Newshell AUX: and miraculously you should have an AmigaShell open on the Psion in the Comms package. You can do anything on this shell that you can do on a shell running on the Amiga. Run programs, fetch directories etc.

A practical application of this would be to have a modem connected to the Amiga on auto-answer. If there's a newshell AUX: active, you'd be able to use the Psion and its modem accessory to dial in to your Amiga and control it remotely via a Shell. Psion modems also interface to cellular phones for the ultimate in portable communications. At the moment the Psion has no TCP/IP stack (Internet software) of its own but this is apparently coming. There's already Email and WWW clients (though for offline use).

Most of us would find the Psion useful as a go between, as a little piece of the Amiga in a pocket. Until the Amiga gets truly portable this is the way it will have to be.



However, in the meantime it's still a partnership made in heaven coupling both the best of desktop and palmtop computing.

Find out more

Palmtop is a substantial bi-monthly magazine dedicated to this little machine. It's well worth a look if you want to find out more about it, especially if you're interested in developing your own tools for use with your Amiga. You can phone them on 01869 249 287 or Email them at 100602.3723@compuserve.com. ■

Mat Bettinson

Price list

Psion 3a - 512K	£257.32
Psion 3a - 1MB	£292.57
Psion 3a - 2MB	£329.00
PsiWin link cable (3a) + PC software (ask about cable with no PC software)	£72.85
Psion MicroFax modem	£186.82
Psion 3c - 1MB	£334.88
Psion 3c - 2MB	£393.62
Siena - 512K	£169.20
Siena - 1MB	£229.12
PsiWin link cable (3c + Siena) + PC software (ask about cable with no PC software)	£79.90

Available from Clove Technology,
43 Springbank Road,
Bournemouth, BH7 7EL. Phone:
01202-302796
Email: 100255.3642@compuserve.com

Note: Clove Technologies' Psion pages are on this month's cover CD

Psion and CUCD4

We've included virtually all of the Psion's freely redistributable software base on this month's covermounted CD. In fact it's all of Frontiernet's Psion support Internet FTP site. You'll find this all in the Magazine/Psion directory. You'll need to access it via the CLI or a directory utility and all of the archives will be in LZX archive format (repacked from the original zips). For this reason there's an UnLZX program in the root of this directory. Simply CD to where you'd like to extract the archive to and then enter UnZip <path to archive>. There's almost always installation instructions but generally this will require you moving files into NCP:M/APP and then installing with the Psion-I key combination. This collection should keep your Amiga/Psion combination happy for a very long time.

OUT OF THIS WORLD PERFORMANCE...

17"
Amiga Monitor
NEW
available now

...DOWN TO EARTH PRICE

UPGRADE NOW TO 17"

Special introductory offer
£499 ex VAT until Christmas

MICROVITEC
SOLE WORLDWIDE
MANUFACTURER
OF AMIGA
BRANDED MONITORS

Full range available
14" 15" 17"

AMIGA
AMIGA M1761
LOW RADIATION

AMIGA GOLD FORMAT

'At long last, an affordable big monitor'
(Amiga Format)

Amiga User International

'The perfect monitor for the Amiga owner'
(Amiga User International)

AMIGA SUPERSTAR

'The monitor the Amiga has been waiting for. Buy one'
(CU Amiga)

MSI DISTRIBUTION

CALL FOR NEAREST DEALER
Telephone: 01244 391204 Facsimile: 01244 391207

Why Apple?

Apple Power PC Technology
Motorola RISC Processors
Over 1800 Mac software titles for PowerPC and thousands more too!
Macs use Internet Browser Standards like Netscape Navigator and Microsoft Internet Explorer
than you think!!!
All Macs are Internet Ready
80% of all Colour Publishing is by Macintosh
65% of Post Production Video Editing is on Macs
All Macs have Networking built in
Mac is the World No1 for Multimedia
Mac users can play the TOP Games

One day we may see the rebirth of the Amiga with a PowerPC processor and other new features to enable it to compete again with today's systems. Sadly though, more than two years since Commodore's demise, very little of substance has happened. We've seen prototypes and promises, but that's about it...

Perhaps some can wait for the final outcome, but if you need more performance, without paying the earth - and you need it today - there's one real alternative to consider now...

Only Apple can offer you both desktop and portable computers that truly match the ease of use the Amiga brought to your desktop. Affordable Apple Macintosh systems have PowerPC RISC processors with thousands of off-the-shelf programs available in areas where the Amiga was previously so strong.

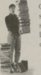
And, if you need to have the most compatible of all computers, Macintosh is currently the only system that can run MacOS, DOS and Windows applications via optional DOS Cards or SoftWindows.

Why Macintosh?

Performance:

All Macs are PowerPC based (except PowerBook 190s). Even entry level systems run at 100MHz or 120MHz, with 200MHz powerhouses and 180 MHz multi-processor systems at the top of the range. Apple is the only mainstream computer company who has been able to make the transition from the older CISC (complex instruction set computing) processors to the newer and faster RISC (reduced instruction set computing) processor technology - whilst still retaining full backward compatibility with previous software.
Remember 486, Pentium/Pro & 680X0 are merely CISC!

Software choice:



Over 1,800 native software packages (written specially for PowerPC Macs) have been shipped since Power Macintoshes were launched in 1994 - plus there are thousands of existing programs which can also be used. Industry standard programs such as Word, Pagestream, Word Perfect, Page FileMaker Pro, Excel, Quark Xpress, Photoshop and many others have all been developed for the Mac.

Creativity:

- Macintosh still dominates the creative world with an 80% market share in colour publishing.
- 65% of post-production video editing is on Macs.
- Macintosh is the most widely used system for the creation of Internet web pages.
- Most magazines (probably the one you're reading right now) are created on Macintosh.

The Internet & Communication:

- All Macs are Internet ready; many include a 28,800bps modem with full send/receive fax and answerphone management facilities.
- Industry standard web browsers, Netscape Navigator and Microsoft Internet Explorer, were developed for the Mac. Both give full access to all Web sites with new Internet page layout features like auto-tables and on-screen movies.
- The Internet's standard format for video files, called QuickTime (or QuickTime for Windows), was an Apple development. Of course it comes as standard with every Mac.

Apple Internet Connection Kit

Connectivity & Expandability:

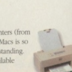
- All Macintoshes have networking built in as standard, so connecting systems together and adding shared printers etc. couldn't be easier.
- All Macintoshes have an external SCSI connector as standard (except Duos) - adding external drives, cartridge drives, scanners etc. really is Plug-and-Play.
- Low-cost digital cameras can be plugged into the Mac for instant real image input.
- Inexpensive industry standard PCI cards can be used in all Mac systems from the 5400 upwards.

Education & Edutainment:

- Many quality Macintosh titles are widely available. Dorling Kindersley offer superb titles like The Ultimate Human Body and History of the World whilst Microsoft publish Encarta, Cinemania and Dinosaurs. Because Macintosh is the preferred system within many educational establishments, high quality software is assured.

Multimedia:

- Apple is the World's No. 1 Multimedia PC vendor.
- All desktop Macs have a fast CD-ROM drive as standard (portables get internal CD soon too).
- In 1995, 42 of the top 50 selling CD-ROM titles worldwide were developed on the Macintosh.
- Many Macintoshes have built-in TV with teletext so TV clips can be recorded directly to disk as QuickTime movies.
- Many Macintoshes have built-in video in and out, for direct recording to VCRs.
- Some Macintoshes have internal digital video editing facilities as standard, others can be upgraded to include this facility with ease.



New 5400 'Black Mac' ideal for your home.

Recreation & Games:

- Top games like The Ultimate Doom, Myst, Rebel Assault II, Dark Forces, Descent, Afterlife, Lost Eden, Legend of Kyrandia, Full Throttle and The Dig have all been developed for Macintosh.

Output & Presentation:

- Connecting and using colour printers (from Epson, HP, Apple and others) to Macs is so easy and the results are truly outstanding.
- Many software packages are available offering image manipulation and superb photo quality output.

Interested?

All you need is 10% deposit then there's NOTHING TO PAY until 1997!✦

5260 Performa

100MHz
PowerPC

Powerful fully expandable Mac with a superb office suite included...

- 5260/100MHz with 12Mb RAM, Quad Speed CD, 800Mb Hard Drive, Built-in 14" Colour Monitor and Keyboard

Normal Low GH Price	£1292
Special Student Price*	£1174

***GH LIMITED STUDENT OFFER...** FREE TV Tuner and £50 Voucher towards the cost of ANY StyleWriter Printer. (Strictly limited to students and staff of Higher and Further Education establishments)

FREE CLARIS WORKS 4 OFFICE SUITE... Full Word Processor, Drawing, Painting, Spreadsheet, Database and COMMs Package

INCLUDES 14" MONITOR

5260/100 - 12/800 - CD

FROM **£1174***

JUST £7.92 PER WEEK ✦

6400 Creative Studio

200MHz
PowerPC

The ideal Mac package for all creative types with software to help your talents...

- 6400/200MHz with 24Mb RAM, Eight Speed CD, 2.4Gb Hard Drive, TV Tuner, Teletext, Video-In/Video Compression Card and built in 28.8 Modem £2699

GET ALL THIS GREAT SOFTWARE... • CUBASIS AV • DABBLER • POWERGOO • AVID CINEMA • ADOBE PHOTODELUXE • ADOBE PAGEMILL • Mac OS 7.5.3 • HyperCard Player • Acrobat Reader • At Ease • Apple Video Player • Apple Telecom 3.0 • Internet Connection Kit • Claris Works 4.0 • MacLink Plus • 120 Letters • Performa ClickArt • Thinkin' Things 3 • Grolier Multimedia Encyclopaedia • PowerPete • Sammy's Science House • Disney - Aladdin Activity Centre • Disney - Lion King Story Book • Disney - Toy Story Preview • DK's The Ultimate Human Body • Full Throttle • Descent • The Best of European Soccer

FREE CLARIS WORKS 4

ADD YOUR IDEAL MONITOR & KEYBOARD

6400/200 - 24/2400 - CD

£2699

JUST £18.20 PER WEEK ✦

5400 Family Macintosh

180MHz
PowerPC

- 5400/160MHz, 16Mb RAM, 8 Speed CD, 15" Monitor, 1.6Gb Hard Drive, 28.8 Modem £1679
- 'BLACK MAC' 5400/180MHz with 16Mb RAM, 8 Speed CD, 15" Monitor, 1.6Gb Hard Drive, TV Tuner/Teletext, Video-In/Video Compression Card and built in 28.8 Modem £1996

GET ALL THIS GREAT SOFTWARE... • Mac OS 7.5.3 • HyperCard Player • Acrobat Reader • At Ease • Apple Video Player • Apple Telecom 3.0 • Internet Connection Kit • Claris Works 4.0 • MacLink Plus • 120 Letters • Performa ClickArt • Thinkin' Things 3 • Grolier Multimedia Encyclopaedia • PowerPete • Sammy's Science House • Disney - Aladdin Activity Centre • Disney - Lion King Story Book • Disney - Toy Story Preview • DK's The Ultimate Human Body • Full Throttle • Descent • The Best of European Soccer

FREE CLARIS WORKS 4

INCLUDES 15" BUILT IN COLOUR MONITOR

5400 - 16/1600 - CD

FROM **£1679**

JUST £11.31 PER WEEK ✦

Monitors

ASK ABOUT MONITORS FROM SONY, MITSUBISHI, FORMAC etc.

There's a great choice of colour monitors to add to your Mac, here's just a few...

GH 15" Multisync	£279
Apple 15" Multiscan	£334
Apple 15" AV Multiscan	£409
Apple 17" 1705 Multiscan	£604
Apple 17" 1710 TCO Multiscan	£774
Apple 17" 1710 AV Multiscan	£869
Apple 20" Multiscan II	£1469

Printers

Apple StyleWriter 1500 Colour £189

MORE PRINTERS... Ask for more details

Apple StyleWriter 2500 Colour	£339
Epson Stylus 500 Colour	£279
Epson Stylus Pro A4 Colour	£389
Epson Stylus ProXL A3 Colour	£999

Modems

Apple Internet Connection Kit £59

Global Village Teleport Gold 14.4	£59
Motorola 3400 Pro V34 28.8	£134

Mac Software:

- All the best programs are available for your Mac and cost less than you might expect. A very small selection is shown below...

MYST	£37	ENCARTA '96	£46
THE DIG	£36	GROLIERS ENCYC.	£42
ABSOLUTE ZERO	£45	COREL DRAW SUITE...from	£116
ALONE IN THE DARK 3	£40	CLARIS WORKS 4	£111
DARK FORCES	£41	SOFTWINDOWS '95	£293

Mac Accessories:

- It's easy to add peripherals to your Mac. Just look below and see what's available - it's all plug and play!

KEYBOARDS...from	£47	MACALLY GAME PAD	£26
ZIP DRIVE - 100Mb	£163	MACALLY JOYSTICK	£38
1.2Gb. EXT. HARD DRIVE	£328	JETSTICK JOYSTICK	£45
WACOM ARTPAD II	£140	APPLE DESIGN SPEAKERS	£58
APPLE DOS CARDS...from	£575	1yr ON-SITE MAINTENANCE	£18

Deferred Payment Plan:✦

- It's easy to buy your Mac with a GH Personal Finance Option.
- Ask for details of one to suit you.
- Example... Pay 10% Deposit on a balance over £1200 and then pay nothing for 4 months (subject to status and an £18 arrangement fee).
- Written details available on request.

Why Inexpensive?

Price/Performance:

- Today's fastest Macintoshes outperform the fastest Pentium Pro systems - by a considerable margin!
- Macintosh systems have a far lower cost of ownership than Windows systems.
- Macs are much cheaper than comparable Amigas!

Price Comparison:

Amiga System:		*Macintosh System:*	
A1200 inc. 2Mb RAM	£350	Macintosh Performa 5400	
50MHz 68060 upgrade	£580	180MHz PowerPC 603e.	*Inc.*
16Mb RAM	£119	16Mb RAM	*Inc.*
1.6Gb Hard Drive	£300	1.6Gb Hard Drive	*Inc.*
8 x Speed CD ROM drive	£259	8x Speed CD ROM drive	*Inc.*
14" Monitor	£286	15" Monitor & Keyboard	*Inc.*
28.8k Modem	£135	28.8 Modem/Fax/Answerphone	*Inc.*
TV Options	*Not Available*	TV 'Live in Window' on screen	*Inc.*
Video In/Quicktime	*Not Available*	Video In/Quicktime	*Inc.*
PCI Card Facility	*Not Available*	PCI Card Facility	*Inc.*
Total for Amiga System	**£2029**	Total for Mac System	**£1996**

Remember, the Amiga shown above is still only CISC based, and.. if the comparison was for an A4000, the cost differential would be even greater!

Apple Loyalty:

Apple is the No.1 computer company worldwide with 87% of users purchasing other Macintosh systems. There are over 60,000,000 Macintosh users worldwide...

Isn't it time you became one?

Weekly finance prices are exc. VAT and are based on 3 year fixed cost ✦ Apple Commercial Credit for business users. Ask for full details.✦ This advertisement was created entirely on Apple Macintosh equipment utilising a variety of standard software programs. The source of all factual information included here is available to view at Harwoods. All Trademarks are acknowledged. E&OE.

Why Harwoods?

Gordon Harwood Computers was founded as a specialist Commodore dealer in 1982 and we're still supporting Amiga users today. We began supplying Macintosh systems in 1991 when it became clear that Commodore was failing to capitalise on the technological advantage it had. We needed to have products available that fulfilled the needs of our customers who were demanding...

- Systems with a future
- Systems with outstanding performance
- Systems with unsurpassed ease of use
- Systems without the problems and disadvantages associated with DOS/Windows, which still persist and trouble users even now.

Today we have grown to become one of the largest Apple Authorised Resellers in Europe. Our extensive product knowledge and solid support facilities emphasise our status as one of a select group of Apple Authorised Service Centres and accredited Apple Higher and Further Education Alliance Resellers.

Please send the coupon or phone us - we'll rush you your FREE 'Why Macintosh' brochure pack

Mr/Mrs/Miss/Ms: Initial(s): Surname:

Address:

County or Country: Postcode:

Daytime Phone: Evening Phone:

Main use(s) of computer: HOME ☐ BUSINESS ☐ EDUCATION ☐

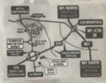
Please cut out the coupon and return it FREE to...

FREEPOST GORDON HARWOOD COMPUTERS - Dept. CUA
NEW STREET • ALFRETON • DERBYSHIRE • DE55 7BP
Tel: 01773 836781 • Fax: 01773 831040 • email: harwood@applelink.apple.com

01773 836781

We accept most major Credit and Debit Cards and there is NO CREDIT CARD SURCHARGE!

GORDON HARWOOD COMPUTERS



WE'RE EASY TO FIND, SO WHY NOT COME TO OUR SHOWROOM AND SEE...
Why Macintosh!

PRICES INCLUDE VAT @ 17.5%

Authorised Reseller

GASTEINER

TEL:0181 345 6000
FAX:0181 345 6868

18 - 22 Sterling Way, North Circular Road,
Edmonton London N18 2YZ

Open Monday to Saturday 9am to 6pm

OFFER OF MONTH
4MB
72PIN SIMM
£29.95
INC VAT

MEMORY SIMMS

LOWEST PRICES GUARANTEED

SIMMS FOR A4000, VIPER, APOLLO, MAGNUM, HAWK AND MANY OTHER CARDS PHONE FOR DETAILS TODAY

72PIN 32BIT

2MB	£20
4MB	£29.95
8MB	£39
16MB	£99
32MB	£189

30PIN 16BIT

1MB	£15
4MB	£70

ACCELERATORS

LOWEST PRICES GUARANTEED

VIPER APOLLO AND MANY OTHER CARDS PHONE FOR DETAILS TODAY

BLIZZARD1230 50MHZ

0MB	£159
4MB	£223
8MB	£268
16MB	£368
32MB	£399

APOLLO

	28MHZ	50MHZ
4MB	£139	£243
8MB	£174	£278
16M	£274	£378

MODEMS

MOTOROLA 28.8 FAX & MODEMS
LIMITED STOCK ONLY

NOW WE ARE SURFING
£129.00

HALF PRICE
FPU WITH ANY RAM CARD FOR A1200

RAM EXPANSION

LOWEST PRICES GUARANTEED

A1200 RAM CARDS WITH CLOCK & FPU SOCKET

2MB	£59
4MB	£64
8MB	£99

A600 RAM CARD

1MB	£20
1MB WITH CLOCK	£35

A500 RAM CARD

1/5MB	£15

A500 PLUS RAM CARD

1MB	£20

FPU MATHS-COPRO

FPU INCREASES SPEED ON AMIGA RAM CARDS & ACCELERATORS

28mhz	£20
33mhz	£29
50mhz	£59

REMOVABLE MEDIA

SYQUEST

EZ 135 EXT.	£149.32

IOMEGA

ZIPP 100MB	£163.32
JAZZ 1GIG INT.	£299.00
JAZZ 1GIG EXT.	£399.00

SCSI CARD OR SQUIRREL IS NEEDED TO RUN SCSI DEVICES ON AMIGA

CARTS
SYQUEST

EZ 135	£16.00

IOMEGA

ZIPP 100MB	£14.00
JAZZ 1GIG	£89.00
JAZZ 1GIG	£89.00

CD-ROMS & CD WRITERS

CD-ROMS

new 2 speed	£116.33
new 4 SPEED	£150.00
NEC 8SPEED	£251.33

CD-WRITERS

4speed	£499.00
RICOH 2SPEED	£429.00

SCSI CARD OR SQUIRREL IS NEEDED TO RUN SCSI DEVICES ON AMIGA

540 2.5" HARD DRIVE
£129.00

MONITORS

MICROVITEC 1438	£259
MICROVITEC 17"	£529

HARD DRIVES

IDE 2.5" HARD DRIVES FOR A600, A1200 SX1 & SX32

80MB	£65
340MB	£129
540MB	£129
730MB	£169
800MB	£199
1.2MB	£199

COMPLETE WITH SOFTWARE & CABLES

3.5" SLIM IDE HARD DRIVES FOR A4000 & A1200

420MB	£99
850MB	£129
1.3GIG	£149
1.7GIG	£169
2GIG	£199

COMPLETE WITH SOFTWARE & CABLES

SCSI HARD DRIVES

100MB	£49
540MB	£139
1.2GIG	£219
2GIG	£299
4GIG	£499
EXTERNAL SCSI CASE WITH POWER SUPPLY	£59

SCSI CARD OR SQUIRREL IS NEEDED TO RUN SCSI DEVICES ON AMIGA

SCSI CARDS

FOR A600 & A1200

SQUIRREL	£50
SQUIRREL SURF	£95
SQUIRREL MPEG	£195

FOR A1500,A2000 & A4000

OCTOGON 4008	£99

SCSI CARD OR SQUIRREL IS NEEDED TO RUN SCSI DEVICES ON AMIGA

we also sell many consumables phone for details

DELIVERY CHARGES

SMALL CONSUMABLES AND SOFTWARE ITEMS UNDER THE VALUE OF £59 PLEASE ADD £3.50 P&P.OTHER ITEMS EXCEPT LASERS, COURIER SERVICE £10 PER BOX. OFF SHORE AND HIGHLANDS, PLEASE CALL FOR A QUOTATION. IN ADDITION WE OFFER THE FOLLOWING EXPRESS SERVICES: SATURDAY DELIVERY NORMAL RATE PLUS £15 PER BOX, MORNING, NEXT DAY NORMAL RATE PLUS £10 PER BOX, E&OE PRICES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. ALL TRADEMARKS ACKNOWLEDGED.

WORLDWIDE DELIVERY AVAILABLE.

GOVERNMENT AND MAJOR PLC PURCHASE ORDERS WELCOME.

TRADE ENQUIRY WELCOME.

Screen Scene

Chaos Engine is practically nanoseconds away from completion, so we've decided to let you have a look at the most up to date version. This and lots more. See for yourself.

JETPilot 31

Reach for the Stars

28 With Martyn Brown

Previews

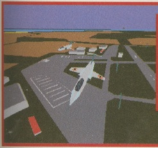
30 Gnomes
31 JETPilot
34 The Chaos Engine 2

Reviews

38 Blobz
38 DNA
40 PM2 budget
41 Ruffian

Tips & Guides

43 Vampyra
44 Snip Tips

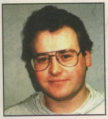


Gnomes 30

The Chaos Engine 2 34

Reach for the stars

CU Amiga Magazine talks to Team17's Martyn Brown, a man renowned for superb game production and copious amounts of beer consumption.



▲ Martyn Brown: the Amiga put him where he is today.

Name: *Martyn James Brown*
Age: *29*
Born: *Wakefield, West Yorkshire*
Occupation: *Director of Development for Team17 Software*
Biggest Success: *Alien Breed series and Worms*

CU: ***When did you first become involved in the games industry?***
MB: "While I was at Tec' in 1985 myself and a friend wrote a Spectrum game called Henry's Hoard. I was 17 but had been involved with computers and video games since I was about seven or eight. We formed Alternative Software which is still going today although I've had nothing to do with it since the original game."

CU: ***And your first Amiga experience?***
MB: "As soon as I saw an A1000 in 1985, it was a must-have. As a penniless student, I couldn't afford an Amiga until 1987 when I got an A500. The bug kicked in then – it was real whizz-bang stuff then."

> **"Technical feats are cool but I've had lots of good looking, expensive beers that tasted bad."**

CU: ***Last month, Jon Hare said the Amiga is the best thing that's ever happened to the industry. What do you think?***
MB: "The Amiga played a massive role in the industry to deliver near arcade quality games with good sounds and visuals. The back-bedroom coding and demo culture gave it a buzz and it was the machine that everyone could get access to. An affordable development system that can deliver quality ideas is exceptionally important."

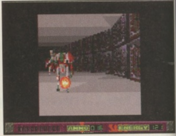
WORMS
*** WEAPON OPTIONS ***

▲ Character, atmosphere and utter fun made Worms into a hit.

CU: ***Which games made the Amiga the great games machine it was?***
MB: "Defender Of The Crown, Shadow Of The Beast, Speedball, Kick Off, Pinball Dreams, Sensible Soccer and Worms. The early ones for showing the leap up from other systems, the latter ones for visuals and sheer playability."

CU: ***Andreas Tadic and Rico Holmes (Alien Breed, Alien Breed 2, Superfrog) played an important role in launching Team17 into the industry. Yet we saw little from them after these titles why?***
MB: "Sadly, the next project after AB2, King Of Thieves, didn't work out – there was too much complacency. They'd had a lot of success the previous two years and human nature does make you step down a gear when life gets a little easier, even though they are both still very capable."

CU: ***AB3D2 appears to be aimed at high spec Amigas only. This is surely a showpiece rather than a commercial venture?***
MB: "AB3D worked really well and, in terms of gameplay, is as good as it gets on a standard machine. AB3D2 was never really a commercial venture because we knew the market was shrinking but we had the opportunity to 'go out with a bang'. We tried to listen to everyone and what they wanted – the upshot was a 4Mb, 030 minimum 3D engine. We tried to deliver that and a good game, too. But I would rather the company be remembered for good games rather than technological feats."



▲ AB3D2 gave the punters what they wanted: a 4Mb 030 engine.

CU: ***And Worms, of course. What's the formula to its success?***
MB: "Its popularity was based on complete and utter multi-playing fun. It also had character and a charming atmosphere. I had a lot of belief in the fact that Worms would make it big time. It helps enormously if you have energy and conviction in all that you do. The gameplay really shone out – and people looked at the game for once rather than fancy packaging. Technical feats are cool but I've had lots of good looking, expensive beers that tasted bad."

CU: ***You've always had a great relationship with Amiga users, taking time to answer Emails and talk to press. Are you keen to keep Team17 friendly and as non-corporate as possible?***
MB: "I have benefited enormously from the Amiga scene. I was on the 'other side' for a number of years and a keen enthusiast. I know what it's like to ogle the 'development dream'. I've been fortunate enough to get myself involved so I always take time to talk to the people who put me and the company where we are today. I've always tried to steer Team17 towards being laid back and approachable."

CU: ***How important has the Amiga been to Team17 Software's success?***
MB: "Without the Amiga, there wouldn't be a Team17. Simple as that." ■

Alan Bunker

THE WORLDS's FASTEST and...
now the BEST VALUE too!

THE FASTEST RANGE OF AMIGA BOARDS AVAILABLE, NO ONE ELSE COMES CLOSE!

COMPARE THE PERFORMANCE FIGURES BELOW FOR YOURSELF

68040 VERSION CAN BE EXPANDED TO A FULL 68060

CYBERSTORM II

AMIGA 68040ERC and 68060 ACCELERATORS

Now you can choose between the 68040/40ERC Cyberstorm II or the ultra powerful 68060 version. When you fit a Cyberstorm II 68060 Accelerator to your A3000, A3000T, A4000 or A4000T you can, for example, render a graphic with Imagine 2.0 software in just 2.4mins... Compare that with a massive 10.34 mins on a standard A4000 '040/25! With no jumpers both Cyberstorm IIs are fully plug and play and A4000 users can choose the option of a SCSI-2 module (A3000 users already have SCSI built into their Amiga hardware).

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMS from your Amiga A4000 straight onto your new Cyberstorm.
- Optional SCSI-2 module available
- If your budget currently only covers the cost of a Cyberstorm II 68040ERC, you can always upgrade later to the full 68060 processor for extra power.

NEW **Cyberstorm II** 40MHz 68040ERC - 0Mb - Expandable to 128Mb	£349.95
Cyberstorm II 50MHz 68060 - 0Mb - Expandable to 128Mb	£649.95
Cyberstorm II SCSI-2 Module	£89.95
Cyberstorm II SIMM RAM Expansions (please call for prices)	£Call

PRICE CRASH

NEW 3D VERSION! (Available September)

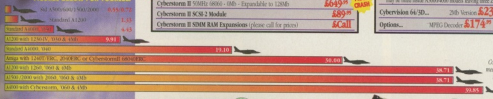
3D CYBERVISION 64

64--BIT ENGINE A2000/3000/4000 (T Series) 3D Version 24-BIT COLOUR ACCELERATED GRAPHICS CARD.

For all Zorro-II/III Amigas & Tower System A1200s with Zorro-II backplanes. The core of this great board is the NEW VIRGE GRAPHICS CHIP from S3. With 3D capabilities it's able to process complex 3D functions in hardware (eg. shaded/textured surfaces) with Trilinear Filtering and Shading/Fogging for super realistic Real Tome 3D Rendering. When used with CyberGraphX 3D Library, Cybervision 64/3D can even offer a broad range of 3D facilities for any software developer. OPTIONAL EXPANSIONS...

- MPEG Decoder - added to the Feature Connector to provide real time MPEG audio and video decoding at full size custom screens or, in Workbench windows (HQ display using 16/24 Bit modes from CyberGraphX Workbench). Stereo audio output is provided via the supplied dedicated line output jack. Upgrade to a Cybervision 64/3D and MPEG bundle (from previous Cybervision 64) for a SPECIAL LOW PRICE! - Call for full details now!
- Monitor Switcher - with integrated scan line doubler. Designed to fit into the Amiga slot this gives automatic switch over from the standard Amiga signal to Cybervision 64/3D's output. Both cards may be fitted inside A3000/4000 models leaving three Zorro-III slots free.

Cybervision 64/3D...	2Mb Version	£239.95	4Mb Version	£299.95
Options...	MPEG Decoder	£174.95	Monitor Switcher	£84.95



Comparative MIPS performance figures measured using SysInfo. Each board had the appropriate SIMM fitted (required to activate accelerator).

BLIZZARD 1230-IV, 1240-T/ERC & 1260ACCELERATOR BOARD FEATURES...

- May be disabled with Simple Keystroke on boot up - For Full Games compatibility, even badly programed/older Software!
- Battery Backed Self Recharge Real Time Clock
- High Performance Expansion with Full 32-Bit wide DMA
- Easy Trapdoor Installation - no modifications required (1240T/ERC fits in Tower).
- 1230-IV features PGA FPU Socket allowing Optional 50MHz, 68882 FPU

1230-IV

1230-IV BLIZZARD 030

A1200 TURBO ACCELERATOR and MMU - 50MHz 68030

0Mb Standard, Exp. to 128/256Mb

9.91MIPS with 60 Nanosecond SIMM fitted

Blizzard 1230 MkIV Turbo Accelerator Memory Board

The highest performing 68030 accelerator available for your A1200! With its 50MHz 68030 and MMU, the 1230-IV offers BETTER PERFORMANCE at a LOWER PRICE! With a SysInfo rating of 9.91 (using a 60 Nanosecond SIMM) you can see the 1230-IV is very fast... a performance gain of up to 500% is achieved! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. An industry standard SIMM socket provides for up to 128Mb of auto-configuring 32-Bit FAST RAM (or up to 256Mb with the SCSI-2 option using its extra SIMM socket).

EASY TRAPDOOR INSTALLATION
No modification necessary.
Reliable low heat output.

1230-IV Turbo 50MHz 68030 & MMU 0Mb, 32-Bit Fast RAM Expandable to 128/256Mb	£159.95
Fast 60 Nanosecond SIMM RAM Expansions 32-Bit, 72 pin (*Call for prices*)	£Call
Motorola Maths Co-processor 68882 PGA type FPU, 50MHz	£Call

PRICE CRASH

1240T/ERC

1240 T/ERC BLIZZARD 040

NEW

A1200T* TURBO ACCELERATOR and MMU/FPU for *TOWER SYSTEMS

40MHz 68040 - 0Mb Std, Exp. to 128/256Mb

30MIPS with 60 Nanosecond SIMM fitted

Blizzard 1240T/ERC Turbo Accelerator Memory Board

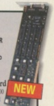
A super LOW COST A1200 Turbo Accelerator Board, ideal for housing on any *Tower System A1200 main board (mechanical dimensions, high power consumption and heat emission require an active cooling cap - we therefore do not recommend fitting to standard A1200's without the appropriate modifications etc.). The "ERC" Processors used on these boards are recycled and vigorously tested 68040 CPUs operating at 40MHz with MMU/FPU - an excellent guaranteed and competitively priced alternative. Available options such as the SCSI-IV Kit and RAM are shared with the Blizzard 1230-IV and 1260.

1240T/ERC Turbo 40MHz 68040 & MMU/FPU 0Mb, 32-Bit Fast RAM - Expandable to 128/256Mb	£279.95

Can be expanded to FULL 68060

2040ERC

2040 ERC BLIZZARD 040



A1500/2000 TURBO ACCELERATOR and MMU/FPU - 40MHz 68040

0Mb Standard, Expandable to 128Mb

30MIPS with 60 Nanosecond SIMM fitted

Blizzard 2040ERC Turbo Accelerator Memory Board

NEW

The Blizzard 2040ERC is a super new LOW COST board which offers A2000 owners the opportunity to upgrade to the same performance as our Blizzard 1240T/ERC board. Users will then be able to enjoy full A4000/040 power as well as take advantage of the built in SCSI-2 interface.

The "ERC" Processors used on these boards are recycled and vigorously tested 68040 CPUs operating at 40MHz with MMU/FPU - an excellent guaranteed and competitively priced alternative.

2040ERC Turbo 40MHz 68040 & MMU/FPU 0Mb, 32-Bit Fast RAM - Expandable to 128Mb	£329.95

Can be expanded to FULL 68060

1260

1260 BLIZZARD 060

A1200 TURBO ACCELERATOR and MMU/FPU - 50MHz 68060

0Mb Standard, Expandable to 64/192Mb

38.71MIPS with Single Sided 60/70 Nanosecond SIMM

PRICE CRASH

The Blizzard 1260 Turbo Accelerator Memory Board

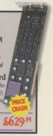
offers Amiga A1200 owners FULL 68060 POWER with a board that plugs into the trapdoor slot! Your A1200 will operate at twice or even three times the speed of an '040 based upgrade and up to five times the speed of a standard A4000! Available options such as the SCSI-IV Kit and RAM are shared with the Blizzard 1230-IV and 1260.

1260 Turbo 50MHz 68060 & MMU/FPU 0Mb, 32-Bit Fast RAM - Expandable to 64/192Mb	£579.95

EASY TRAPDOOR INSTALLATION
No modification necessary.
Reliable low heat output.

2060

2060 BLIZZARD 060



A1500/2000 TURBO ACCELERATOR and MMU/FPU - 50MHz 68060

0Mb Standard, Expandable to 128Mb

38.71MIPS with 60/70 Nanosecond SIMM fitted

Blizzard 2060 Turbo Accelerator Memory Board

offers A1500/2000 owners the same specification as the Blizzard 1260 Turbo (A1500/2000s will operate at up to five times the speed of a standard A4000) with FULL 68060 POWER & also includes built in SCSI-2 interface! If you want the fastest A1500/2000 around... fit a Blizzard 2060 now!

PRICE CRASH

2060 Turbo 50MHz 68060 & MMU/FPU with built in SCSI/2 0Mb, 32-Bit Fast RAM - Expandable to 128Mb	£629.95

SCSI-IV KIT SCSI-2 Module for 1230-IV, 1240T/ERC and 1260, with additional 128Mb SIMM socket *(Fast SCSI-2 DMA Controller - up to 10Mb/sec transfer rates with additional SIMM socket allowing extra memory to be fitted)*	£89.95

GH
GORDON HARWOOD COMPUTERS

DeptCUA/D1 New Street, Alfreton,
Derbyshire. DE55 7BP

01 773 836781
or FAX: 01 773 831040
email: 100271.3557@compuserve.com

Please Note:
Memory, SIMM & FPU prices may change without warning due to exchange rate fluctuations. Please confirm price prior to ordering.
CALL TO CONFIRM AVAILABILITY BEFORE MAKING A LONG JOURNEY TO VISIT US.
OUR OPENING TIMES ARE...
Monday to Saturday, 9.00am until 5.00pm

Blizzard and Cyberstorm products use MOTOROLA 680X0 series processors. They run **WITHIN** the electrical timing specification laid down by Motorola to prevent any possible overheating/reliability problems. So, when you pay for a 50MHz CPU for example, that's exactly what you get... not a 40, 33 or even a 25MHz CPU "clocked" to 50MHz! Look out for the **MOTOROLA MOTIVATED** logo - your guarantee of our commitment to quality and reliability - **BEWARE** of "clocked" CPUs!

T/ERC and ERC Processors used on selected boards are recycled and vigorously tested 68040 CPUs operating at 40MHz - an excellent guaranteed and competitively priced alternative.

OUR RANGE HAS WON MORE AWARDS THAN ANY OTHER...

What the Magazines think...

Amiga Shopper 91% STAR BUY *"...the Blizzard 1260 is destined to become the ultimate object of desire for A1200 owners."*

Amiga Computing 92% BLUE CHIP *"...want the fastest Amiga in the World, get this board."*

Amiga Format *"...Ride on the fastest A1200 in the World..."* - 95% GOLD Rating

How to Order from GH...

BY PHONE: Simply call our order line. We accept VISA, Mastercard, Access, Switch, Connect, Delta AMEX and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc) - WITH NO TRANSACTION SURCHARGES!

BY POST or FAX: Include your name, address and daytime/evening phone/fax number plus order details. If charging a credit/debit card include... number and valid from/expiry date (and issue number with Switch cards). Make Cheques (please allow 7 days clearance), Drafts or Postal Orders payable to Gordon Harwood Computers Limited.

GH PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post. Prices inc. VAT at 17.5%.

DELIVERY: We offer prompt shipment with fully insured express delivery options throughout the UK, Europe and Worldwide at a very modest cost.

COST OF DELIVERY TO MAINLAND UK ADDRESSES ONLY:
Standard Delivery (2 to 4 working days from date of despatch) - £7
Express Delivery (next working day from date of despatch) - £10
NON UK MAINLAND DESTINATIONS - please call for times/prices etc.

EXPORT: Most items are available Worldwide, and at TAX FREE PRICES to non EC residents and most overseas UK Armed Forces Personnel (with CO's document).

GH WARRANTY: Manufacturers' standard warranties apply or, ask about GH's comprehensive extended options which are always recommended for professional users to minimise costly down time. Ask GH for full details.

STANDARD
EXPRESS
Par Avion

Gnomes

■ DFR: December ■ Publisher: OTM ✆ 01827 312 302

HA, HA, HA, HEE, HEE, HEE' sang the little laughing gnome (just before getting horribly spiked to death). Getting spiked surely wasn't in the lyrics of everyone favourite old time tune now was it? No but a bit of poetic license is allowed when we're referring to OTM's latest platform game, Gnomes.

Spanning about 50 levels your job is to lead your little men to safety making sure that they don't get spiked, drop to their certain death or meet a myriad of other grisly fates.

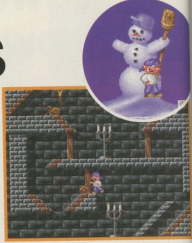
OTM promise lovely graphics and lots of nice tunes to go along with the cheery chappies as they amble along trying to avoid that great big garden centre in the sky.

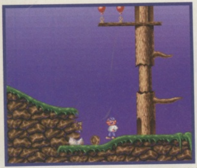
At this point Gnomes sounds very similar to Bograts from Vulcan (previewed last month) only the stars of this game are rather more attractive. However, there is a major difference in that Gnomes will run on both PC and Amiga. The Amiga side was handled by Funrise Entertainment in Germany while the PC side was developed by CyberArts, Finland. And more improved graphics and sound effects are promised for some of the more powerful machines.

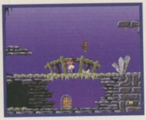
As a result of this dual format cooperation, OTM have designed an installer for Gnomes so that the game will recognise which make of Amiga it is running on and boot up the relevant version, which is good news for us all. Cool or what? You'll agree if you take a look at the screenshots here that it is looking good so far.

Gnomes will run on all 1Mb machines including OCS, ECS and AGA machines and should retail for around £29.95. We should have a full review for you next month. ■

Lisa Collins







ONE WAY
POW!
HAPPY BIRTHDAY

Pic`n`Mix
GRAPHICS

Why be tied to taking "Pot Luck" when buying ClipArt? Now **YOU** can select your own preferences from the comfort of your own home. Choose from over 3000 images in over 40 Categories. Give yourself a break and **TRY BEFORE YOU BUY!** Available in Formats suitable for all Amiga Programs (Hi-Res Bitmapped or Scaleable)
All images are **8 to 256 Colours**.....suitable for both **Colour and Mono Printers.** All clips are artist drawn.......no scanned or traced images here!

INK JET REFILLS

See our Ink Advert on Page 67

REFILLS (Microfiltered Non-Clog Formula) all Colours from 87p per refill
COMPATIBLE CARTRIDGES As good as original...but cheaper! from £4.99

We have been supplying our Customers with Refill Inks for many years, and most of our sales are re-orders. We demonstrate the quality of our Inks by providing a FULL COLOUR PRINTOUT with every Information Pack. Who else does this?

SELECTAFONT

Pic`n`Mix
FONTS

BEEYOUSE CHILLI
CHINESE HEADHUNTER STEEL
INDIANAJ KEYBOARD STAR
BLOCK WHARMBY
WOBBLE STARS
ZORRO CARPE
SWINGE POSTCY
Tintoret QUBISI
Open Ho RANSOME
PEACE OREGONWET
SALTER Miami
ORIENTAL SHANGHAI SHRAPNEL
Medusa STENCIL STRETCH
TOYBLOCK WEDGIE WASHBOOK!
POWERLINER OLDEWORLDE WHAT A RELIEF

Unlike some of the cheap and cheerful Font CDs and Disks doing the rounds, **our Fonts WORK!** Select from over 4000 Fonts in both COMPUGRAPHIC and ADOBE formats and leave the rest up to us!

For Bulk Buyers we offer some very special deals with Fonts from **7p each**

We have been in business since 1991 and pioneered the Pic n Mix concept. Our service is unique with a **TECHNICAL HELPLINE** for all of our valued Customers

For your FREE 46 Page Information Pack,
either Write, Phone, or Fax us.

SELECTAFONT (Dept CU)
84 Thorpe Road, Hawkwell, Nr Hockley, Essex. SS5 4JT

FAX: 01702 200062 VISA MasterCard PHONE: 01702 202835

JETPilot

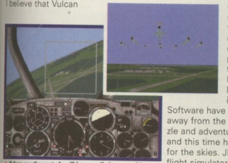
■ **DFR: November** ■ **Publisher: Vulcan Software** ✆ **01705 670 269**

There's a lot of snobbism that goes on amongst the games industry. If something hasn't got awesome graphics then it's not worth playing. I don't hold to this theory. If a game's fun to play and doesn't cost an arm and a leg then it's worthwhile in my books. I believe that Vulcan software follow this school of thought. OK maybe AMOS graphics aren't state of the art but most people know that I like the Valhalla series and think that they are value for money. So I am looking forward to Vulcan's next venture in the gaming world. And let's face it they are one of the few companies who are actually out there consistently producing the goods. For their latest offering, Vulcan Software have taken a turn away from the path of puzzle and adventure games and this time have aimed for the skies. JETPilot is a flight simulator which will be based around statistics and handling methods of real-life jets such as the Lockheed F-104 and the English Electric Lightning (that should mean something to plane spotters, I presume).

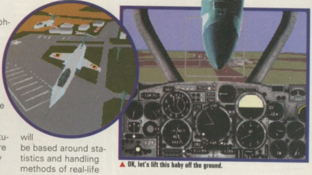
Again, Vulcan are catering for all Amiga owners so JETPilot will run on all Amigas. However, they recommend a 2Mb A1200 to get the best out the features on offer. These features will include the ability to change the weather conditions to suit you and 360 degree cockpit vision which should help you complete the 20 missions that are laid out for you.

Watch this space or another one if you prefer for a review very soon. ■

Lisa Collins



▲ Vulcan say the controls will be as realistic as possible.



▲ OK, let's lift this baby off the ground.

PRINTERS

CITIZEN ABC COLOUR 129.99 HIGH QUALITY 24 PIN

CANON BJC 4100 215.99 SUPERB ALL ROUND COLOUR INKJET

WE STOCK A WIDE RANGE OF PRINTERS AND NUINE ACCESSORIES FOR CANON, CITIZEN, EPSON, HEWLETT PACKARD, LEXMARK AND PANASONIC

CONTROLLERS

EKLIPSE MOUSE ...11.99 WITH FREE MOUSE MAT

QUICKSHOT 137F PYTHON ... 11.99 WITH AUTOFIRE

COMPETION PRO JOYPAD ... 16.99 FOR AMIGA & CD32 WITH TURBO/AUTOFIRE

Amiga Software

(HDR) = HARD DRIVE REQUIRED

miga A500 & Compatible

	PRICE	SAVE
EN BREED - T/ASSAULT	7.99	£12
CADE POOL	9.49	
[illegible]	9.99	
CK CRYPT	11.99	£1
NON FODDER	13.49	£1
TERFOLD SQUARES	4.99	
MPIONSHIP MANAGER 2	21.99	£8
MPIONSHIP MANAGER 2 LIAN LEAGUE	16.99	£3
MPIONSHIP MANAGER COLLECTION + UPDATE DISK	16.99	£11
OS ENGINE	7.99	£18
B FOOTBALL	5.99	£24
LONIZATION	15.99	£19
LOSSUS CHESS X	4.99	
VER GIRL STRIP POKER	11.49	£3
CKET CAPTAIN	4.99	
CKET COLLECTION VOL 1 ERNATIONAL ONE DAY CRICKET, T MATCH CRICKET, BATTLE FOR ASHES	**14.49**	
CKET COLLECTION VOL 2 RLD CLASS CRICKET, 2ND INNINGS, TA DISK 94/95	**10.99**	£2
Y DOUBLE HORSE RACING	4.99	
TASTORE	27.99	£22
TASTORE 2	38.99	£11
LUXE PAINT 3	4.99	£75
ERT STRIKE	11.49	£1
E	11.49	£3
E 2	13.99	£1
TE	4.49	£20
LDS OF GLORY	10.99	£6
L CALC (2.5 MB, HDR)	89.99	£10
L DATA (HDR)	42.99	£4
L WRITER (1.5 MB HDR)	69.99	£5
TBALL COLLECTION VOL 1 E FOOTBALL, CLUB AND COUNTRY, MBLEY INT'L SOCCER	**16.49**	£3
TBALL DIRECTOR 2	4.99	
TBALL DIRECTOR 3	21.49	£8
RMULA 1 - WCE	7.99	£22
RMULA 1 GRAND PRIX	7.99	£9
FAX	34.99	£15
HAM GOOCH RLD CLASS CRICKET	11.99	£18
P COMPILATION SIBLE SOCCER, DESERT STRIKE, H OVER, ROAD RASH, COOL SPOT LMANS	**22.99**	£12
ME ACCOUNTS	3.99	£46
L SOCCER CHALLENGE	4.99	
RASSIC PARK	13.49	£1
S (UTOPIA 2) (UNBOXED)	5.99	£24
GPIN	7.99	£5
LEMMINGS	3.99	£6
LEMMINGS 2	8.99	£21
LOMBARD RAC RALLY	6.99	£1
MINI OFFICE	29.99	£30
MONEY MATTERS	34.99	£15
NICK FALDO'S GOLF	5.99	£29
NIGEL MANSELL'S GRAND PRIX	2.99	£7
ODYSSEY	20.99	£5
ON THE BALL - WORLD CUP	9.99	£20
ORGANISER	39.99	
ORGANISER 2	44.99	£5
PERSONAL PAINT V6.4	44.99	£5
PGA TOUR GOLF	12.49	£2
PINBALL PRELUDE	21.99	£13
PINBALL SPECIAL EDITION PINBALL FANTASIES & PINBALL DREAMS	**19.99**	£15
PLAYER MANAGER	9.99	
POPULOUS PROMISED LANDS	10.99	£2
POWERMONGER & WW1 DATA DISK	11.49	£3
PREMIER MANAGER 3 + ED	20.99	£9
PRIMAL RAGE	22.99	£7
REACH FOR THE SKIES	11.99	£3
SECRET OF MONKEY ISLAND	16.99	
SENSIBLE GOLF	18.99	£11
SENSIBLE WORLD OF SOCCER 96	21.99	£8
SHADOW FIGHTER	5.99	£7
SIMON THE SORCERER	14.99	£20
SLEEPWALKER	8.99	£1
SPORTS MASTERS PGA GOLF, INDY 500, ADVANTAGE TENNIS, EURO CHAMPS 1992	**16.99**	£13
SUPER LEAGUE MANAGER	10.99	£15
SUPER PACK SUPER SKIDMARKS, SUPER TENNIS, SUPER LEAGUE MANAGER	**16.99**	£3
SUPER SKID MARKS 2	14.99	£15
SYNDICATE	13.99	£1
TERMITE (KICKSTART 2.04+)	35.99	£3
THEME PARK	16.99	£18
TOTAL FOOTBALL	19.99	£10
TOURING CAR CHALLENGE	11.99	£1
TRIVIAL PURSUIT (HDR)	3.99	£6
UFO - ENEMY UNKNOWN	11.99	£1
ULTIMATE SOCCER MANAGER	19.99	£10
WEMBLEY - RUGBY LEAGUE	11.99	£14
WORDWORTH V1.2 SE	19.99	£30
WORMS	20.99	£5
ZEEWOLF	13.99	£16
ZEEWOLF 2	23.99	£11

A1200 Software

ACID ATTACK COMPILATION GUARDIAN, ROADKILL, SUPER SKIDMARKS	**16.99**	£3
ALIEN BREED - T/ASSAULT	7.99	£12
ALIEN BREED 2	8.99	£21
ALIEN BREED 3D	9.99	£20
ALIEN BREED 3D 2	22.99	£7
ATROPHY	19.99	£10
CIVILISATION AGA (BAGGED)	7.99	£22
COLONIZATION	15.99	£19
CORE COMPILATION VOL 1 BANSHEE, SKELETON KREW, HEIMDALL 2	**17.99**	£12
DUNGEON MASTER 2 (HDR)	21.99	£13
FEARS	13.99	£16
FIELDS OF GLORY	10.99	£6
GLOOM ('DOOM' CLONE)	14.99	£15
GLOOM DELUXE	20.99	£9
GUARDIAN	10.99	£19
JUNGLE STRIKE	12.49	£15
KICK OFF 96	16.99	£3
KINGPIN	7.99	£5
MONEY MATTERS 4	41.99	£8
ON THE BALL (HDR) - LEAGUE EDITION	7.99	£25
- WORLD CUP EDITION	7.99	£25
PINBALL ILLUSIONS	19.49	£10
PINBALL PRELUDE	21.99	£13
PLAYER MANAGER 2	17.99	£7
ROAD KILL	10.99	£4
SIM CITY 2000 (HDR & 4 MB)	12.49	£17
SIMON THE SORCERER	14.99	£25
SLAM TILT	19.49	£10
SPERIS LEGACY	16.99	£9
THEME PARK	22.99	£12
UFO - ENEMY UNKNOWN	14.99	£2
ULTIMATE SOCCER MANAGER	19.99	£10
VIRTUAL KARTING	12.99	£2
WATCHTOWER	17.99	£8
WORDWORTH V.3.1 AGA (HDR)	56.99	£43
WORDWORTH V5	65.99	£14

CD32 Games

ACID ATTACK COMPILATION GUARDIAN, ROADKILL, SUPER SKIDMARKS	**14.99**	
ACTION PACK VOL 1 LEGENDS, FEARS, GLOOM	**14.99**	
ALIEN BREED - T/ASSAULT	19.99	£10
ALIEN BREED 3D	14.99	£15
ARCADE POOL	7.99	£7
CHAOS ENGINE	7.99	£7
CORE COMPILATION VOL 2 BANSHEE, SKELETON KREW, HEIMDALL 2, UNIVERSE	**19.99**	£15
EXILE	19.99	£10
FIELDS OF GLORY	7.99	£22
GLOOM	14.99	£15
MICROCOSM	12.99	£32
PINBALL ILLUSIONS	19.49	£10
ROAD KILL	10.99	£4
SIMON THE SORCERER	14.99	£25
SPEEDBALL 2	6.99	£8
SPERIS LEGACY	12.99	£13
ULTIMATE BODY BLOWS BODY BLOWS & GALACTIC	**9.99**	£20
WORMS	21.49	£8

AMIGA RAM SHOCK !!!!!

1 MB A500+ RAM + CLOCK	32.99
1 MB A600 RAM + CLOCK	39.99
4 MB RAM BOARD FOR A1200 + CLOCK	99.99
4 MB + 33 MHZ FPU RAM BOARD FOR A1200 + CLOCK	159.99
8 MB RAM BOARD FOR A1200 + CLOCK	149.99
8 MB + 33 MHZ FPU RAM BOARD FOR A1200 + CLOCK	184.99
4 MB (SIMM CHIP) RAM FOR A4000	22.99
8 MB (SIMM CHIP) RAM FOR A4000	39.99
16 MB (SIMM CHIP) RAM FOR A4000	84.99

SIMM MEMORY 72 PIN, 70Ns, 32 BIT, SUITABLE FOR MOST PC's

FREE WHEN YOU BUY ANY ITEM AT THE SAME TIME AS JOINING OR RENEWING FOR ONE YEAR OR MORE

THREE AMIGA GAMES FREE
Skidmarks, Steve Davis Snooker and Football Director 2

OR

QUICKJOY FOOTPEDAL
for use with most car racing games. Works in conjunction with joystick

OR LIGHT GUN
Light gun for any Amiga with 2 free games

ABSOLUTELY FREE

Other offers available - please call. Overseas members add £2 carriage. All offers subject to stock

AMIGA PARTS

SAVE £13 COMMODORE AMIGA POWER SUPPLY... 26.99 IDEAL REPLACEMENT FOR A500, A500+, A600 AND A1200

SAVE £22 EXTERNAL DISK DRIVE FOR AMIGA OR SX-1 ... 47.99

SAVE £30 EXTERNAL 14.4 FAX MODEM ... 69.99 SMALL COMPACT DESIGN, COMPLETE WITH CABLES, INTERNET BUNDLE AND FREE STARTER GUIDE

ANTI-SURGE 4 WAY TRAILING MULTI-PLUG	24.99
350MB INTERNAL HARD DRIVE FOR A600/1200	149.99
DUST COVER FOR A1200	7.99
DUST COVER FOR A600	6.99
DUST COVER FOR A500	7.49
DUST COVER FOR 14" TV/MONITOR	6.99
HIFI LEAD - AMIGA /CD32 TO STEREO	5.99
MONITOR LEAD - AMIGA TO CM8833 OR 1084S	12.99
SCART LEAD - AMIGA TO SCART TV	10.99
SCART LEAD - CD32 TO SCART TV	10.99

BLANK DISKS

PACK OF 10 MAXELL DD 3.5" DISKS WITH FREE DISK BOX	6.99
PACK OF 50 MAXELL DD 3.5" DISKS	18.99
3.5" FLOPPY DISK HEAD CLEANER	6.99

9.30am to 8pm Mon-Sat
10am to 5pm Sunday & Bank Holidays
01279 600204
OR Fax 01279 726842 (we'll fax back)
HEAVY discounts HUGE range
Credit terms subject to status
Regular 48 Page Colour Club Magazine

Special Reserve Discount Club http://Special.Reserve.co.uk

CHECK OUT OUR COMPREHENSIVE CHEAT ZONE
FREE fast delivery
http://www.reserve.co.uk
secure ordering

NEW GENERATION CONSOLES FOR OLD GENERATION PRICES

PlayStation with controller	£184.99
PlayStation with Ridge Racer	£199.99
PlayStation with Alien Trilogy	£214.99
Saturn with controller	£185.99
Saturn with Panzer and VF2	£214.99

EXCLUSIVE SCOOP PURCHASE
Goldstar 3DO and FIFA Soccer ...£99.99

All prices include VAT and carriage to MOST UK mainland addresses.
WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN.

TRIAL MEMBERSHIP ONLY £1 (1 MAGAZINE)

ONE YEAR MEMBERSHIP £7.00 (UK) £9.00 (EC) £11.00 (WORLD)

Buy one item as you join for a year and we'll give you a choice of great FREE gifts. Over 250,000 people have joined and Special Reserve has 80 dedicated staff. Members are under no obligation to buy anything. Our regular club magazine contains a staggering selection of products, many at below trade price. Hundreds of pages of information on our internet site at www.reserve.co.uk. Amazing club shops at Chelmsford, Essex and Sawbridgeworth, Herts. PC repairs & upgrades at Sawbridgeworth (e.g. your 486 to Pentium by mail). No Quibble return policy £4 min or 2.5% - see the club magazine for details.

Overseas orders must be paid by credit card
Hardware items (battery or mains) are only supplied to the UK mainland
Overseas surcharge £2.00 per software item or 25% on other items

(BLOCK CAPITALS please) CU AMIGA
Name & Address
Postcode
Phone No Machine
Enter membership number (if applicable) or
MEMBERSHIP FEE (ANNUAL £7.00)
item
item
Please use this box to add any optional fast delivery charge
1st Class Post 50p per posted item or £3 hardware
ALL PRICES INCLUDE UK POSTAGE & VAT £
Cheque/P.O./Access/Creditcharge/Switch/Visa
CREDIT CARD EXPIRY DATE SIGNATURE SWITCH (ISSUE NO.)

Mail Order address. Cheques payable to:
SPECIAL RESERVE
P.O. BOX 847, HARLOW, ESSEX, CM21 9PH
Inevitably some games listed may not yet be available. Please phone to check availability. SAVE = Saving off full retail price. Inter-Mediates Ltd, The Maltings, Sawbridgeworth, Herts. Prices may change without prior notification. Sent to press 11.09.96 E. & O.E.

EPIC MARKETING
CD ROM SOFTWARE

The new Gif Sensation double CD gontains around 10,000 full colour images, Viewer and converters are included on the CD. Subjects include: Vehicles, Space, Science fiction, Textures, Landscapes, Sunsets, Money, Cartoons, Fantasy, Sports, Raytraced, Classic art. and loads more.

Some images are only suitable for adults.

GIF SENSATION DOUBLE CD (CD128) £19.99

Contains around 5000 erotic hand drawn Images in the Japanese anime tradition.
This CD is of an Adult nature and should not be purchased by anyone likely to be offended by drawings depicting nudity and / or sex acts.

Includes images only suitable for persons over the age of 18.

ANIME BABES Japanese erotic art (CD191) Only £19.99

THE HOTTEST AROUND

Adult Sensation is possibly the Amiga's largest selling adult title. It features over **4,000** high quality 256 colour images of the "adult" nature. Image viewers and coverters are included for any Amiga. (OVER 18 ONLY)

(CD01) £19.99

Adult Sensation 2 not only contains **4,000** new colour images but also includes tons of adult related samples, adult music modules, tonnes of adult stories, adult animations, black&white 70's photos, adult games and more. (OVER 18)

(CD115) £19.99

Sexy sensation, this CD contains around **2,000** specially chosen high quality BMP & GIF Images. Viewers & graphic converters are included for easy and quick access to any of the pictures on any Amiga. (OVER 18)

(CD169) £19.99

Adult Sensation 3D actually contains over **2,000** true 3 Dimensional colour images. 3D viewing software and top quality 3D glasses are also supplied. Available now! (OVER 18)

Rated 90%

(CD145) £19.99

Adult Animations contains hundreds of naughty? animations/film clips for Adults only. Viewing software included for the Amiga. Limited first stocks so order now. HURRY!!!! (STRICTLY OVER 18's ONLY)

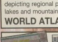
(CD146x) £29.99

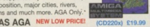
Adult MENsation is a collection of unigue images of the male body. This CD-ROM has been compiled to forfill the hundreds of requests for a CD dedicated to the ladies. Very easy to use. Okay on any Amiga.

(CD164) £19.99

This superb highly rated Amiga CD-ROM World Atlas features a flexible interface allowing quick access to individual countries via continental maps, county list, capital or general index. Concise, informative county histories. Each country is supported by a series of maps depicting regional position, major cities, rivers, lakes and mountains and much more. AGA Only.*

WORLD ATLAS AGA NEW LOW PRICE! (CD220x) £19.99



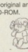


INCLUDES ONE MONTHS FREE INTERNET ACCESS

This amazing new double CD contains everything you need to connect to the Internet. It features all of the programs you need to get connected. It also includes the best of the net, so you can try before you buy! *We've also included one months free internet access* (exclusive to our customers).*

GET INTO THE NET Double CD-ROM (CD244) £19.99

Mick Davis's Cartoon Clipart Volume One is a new Amiga CD-ROM containing hundreds of commissioned cartoon images, all of which can be used "royalty-free". Each image is stored as IFF, and all have been scanned at the highest possible resolution to ensure the best quality when printed. Mick Davis's Cartoon Clipart CD-ROM is supplied with a 30+ page printed index of each image. Every image on this CD is 100% original and does not/will not appear on any other CD-ROM.



NEW !!!

MICK DAVIS' CARTOON CLIPART (CD235) £24.99

The new Magic Workbench CD contains the largest collection of Magic Workbench Icons, Backdrops and tools ever compiled. Includes well over 5,000 Magic WB Icons, Over 600 specially selected Magic Workbench backdrops in 8, 16 and 256 colours, over 30megabytes of Workbench tools, gadgets, patches and desktop enhancer tools/utilities. The CD also includes Magic Workbench aswell as many other items never before released on any Amiga CD ROM. If you want to update/enhance you existing Workbench 2 or 3 then this is the perfect Workbench add on CD ROM. This CD is only suitable for any Kickstart2/3 based Amiga's such as the A500+, A600, A1200, and A4000.

NEW

MAGIC WORKBENCH ENHANCER v2 (CD187) £17.9

Available now!, 1gigabyte (1000mb) ready-to-fit Amiga hard drive. Pre-formatted and installed with Workbench 3. Supplied with all cables and instructions.
With FREE harddisk backup sw!

AMIGA 1GIG HARD DISK Only £179.00 + £4.00P&P

Double(2x) or Quad(4x) speed CD-ROM drive complete with Squirrel SCSI interface for the A1200. Supplied with installation software. Includes a FREE copy of the *Epic Collection*.
2x £POA
4x £219.00 +£4

AMIGA SCSI CD-ROM

OVER 100 AMIGA CD-ROM TITLES AVAILABLE.

of registered have rated encyclopedia or higher.

The Epic Interactive encyclopedia is an exciting new Multi-Media Amiga CD-ROM. It features a superb multimedia interface, Tonnes of film clips, images, sound samples and subject information text. It is now available for almost any Amiga configuration. A superb reference and entertaining title for the whole family.

FREE UPDATER DISK CONTAINING 2000 NEW SUBJECTS

"It's the most brilliant thing I have ever seen!". *J.Doe, Very Happy Customer.*

"My kid's won't leave the explorapedia alone" *A.S*
"All I can say is WOW!!!" *B. Kemp*
"This is without a doubt the best CD I've bought in a very long time" *J. Bloor*
"Why is it you are the only company producing decent Amiga CD-ROMs" *G. Hamilton*
"This is ideal for my child of eleven" Mrs Carter
"This is the future of Amiga software" *D. Plesance*
"A good reference title aswell as being great fun" *A. Musson*

AS SEEN ON TV

The main menu

Kids Category selector

Export screen

Install & Setup

The main interface

The Explorapedia menu

The subject creator

Hotlist Manager

DELUXE AGA version features include:

- ***True Multi-media Interface**
  unlike anything seen on the Amiga.
- ***Produced in the UK**
  unlike most encyclopedias
- ***256 colour AGA interface**
  on the Deluxe 4mb+ version
- ***Very latest information**
  from all around the World
- ***Thousands of subjects covered**
  from Aachen to Zurich
- ***Hotlist editor**
  so you can create lists of subjects
- ***Hundreds of samples**
  including full spoken media-show
- ***Hundreds of pictures**
  Over 1,500 pictures included
- ***Dozens of film-clips/animations**
  Over 100 subject related film-clips
- ***Import new subjects**
  from the Internet or from floppy disk
- ***Export data to printer or file**
  and use it in your own projects
- ***Kids Explorapedia**
  a kid's interactive play-about section.
- ***Subject creator**
  Create your own subject data.
- ***Network compatible**
  Can be run through CD32 or CDTV

	EPIC ENCYCLOPEDIA	GROLIER	HUTCHINSON
PRODUCED IN	1996/1997	1993	1991
NO. OF PICTURES	1500+	?	1300
MADE IN THE	UK	USA	USA/UK
AGA INTERFACE	✓	✗	✗
UPGRADABLE	✓	✗	✗
NO. OF SAMPLES	100's	?	163
SEARCH MODES	NORMAL/DEEP	NORMAL	NORMAL
FILMCLIPS	✓	✗	✗
SUPPORTED	✓	✗	✗

* Many features are not present in the 1mb & 2mb versions.
* The free updater disk is only compatible with the 4mb version

AVAILABLE FOR ALL CONFIGURATIONS OF AMIGA

AMIGA MULTIMEDIA SYSTEM

DELUXE AGA VERSION
This version includes all the above listed features and requires an Amiga 1200 or 4000, a hard drive, a CD-ROM drive and 4mb+ of ram.
*Order code:***(CD222) £29.99**

LITE EDITION
This version is compatible with any ECS/AGA Amiga (500+/A600/1200) fitted with 2mb+ ram, CD-ROM drive and a hard disk.
*Order code:***(CD232) £29.99**

AMIGA LE VERSION (Subject Info only)
This version is supplied on floppy disks and is compatible with all Workbench2&3 Amiga's. It requires 1mb+ of ram and two drives. HD installable. Order code **(EIE13-1) £12.99**

THE EPIC INTERACTIVE ENCYCLOPEDIA CD-ROM

This inavative new CD-ROM contains over 250 Klondike card sets for any AGA based *Amiga*. It also includes the latest version of Klondike AGA. If you love playing cards get a copy of this CD now.

CARD GAMES NEW (CD231 £14.99)

Aminet 15(December'96) contains over 600mb of the very latest Amiga software, including games, demos, animations, music, tools, comms, patches, etc. Available for £12.99 or £10.99 when you take out a subscription.

AMINET 15 (CD238) £12.99

Contains around 7,000 old Commodore64 megademo's, Thousands of classic C64 sid tunes that sound exactly like the real thing, C64 pictures, C64 information and C64 emulators. Great fun!

C64 SENSATIONS 2 (CD223) £19.99

This CD was rated 95% in AF, it features all the tools and information, specifications etc, needed to produce and develop Amiga software. Includes the latest versions of the installer, CD pressing software, CDXL toolkit, etc.

DEVELOPERS CD v1.1 (CD228) £14.9

Zoom 2 includes the very latest sofware upto April'96, It includes the very latest games, demos and utilities. It also includes over 100 new klondike cards, The complete Active Pro pack, over 50 disks of samples, 25mb of Magic Workbench and a special "programmers" section.

ZOOM 2 (CD211 £19.99)

This data CD ROM includes hundreds of high quality Advanced Military images, including hundreds of different aircraft and helicoptors. great for just browing or desktop video/publishing.

ADVANCED MILITARY (CD219 £6.99)

This CD includes over 5,000 brand new levels and mapsfor the game "Worms" aswell as game patches to update and enhance the features of the original game, If you love Worms, you'll love this.

OH YES! MORE WORMS (CD201 £9.99)

This most comprehensive collection of Lightwave and Imagine 3D objects ever compiled onto CD. It also contains hundreds of texture files, and example images. All files are usable direct from CD.

GRAPHICS SENSATION (CD02 £19.9

FREE

CHOOSE A FREE CD WITH EVERY £25 YOU SPEND!
Spend £25 and choose one free CD
Spend £50 and choose two free CD's
Spend £75 and choose 3 free CD's, etc

HOTTEST 4
UTILITIES
ILLUSIONS 3D
TERRA SOUND LIBRARY
FONTS & CLIPART

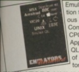
FREE FONE

0500 ONE FREE ONE 486

http://www.globalnet.co.uk/ epic/

EPIC MARKETING
CD ROM SOFTWARE

BACKING THE AMIGA ALL THE WAY
And that's a promise



Emulators Unlimited contains Software emulation tools for the Amiga. Spread over numerous platforms are emulators for: Apple, BBC, Commodore 64, Commodore VIC20, Amstrad CPC, Apple Mac, Gameboy, Atari ST, MSX, Apple200, Atari 800, Atari1040ste, Sinclair QL, Unix and more. Also features hundreds of games,tools etc for most of the emulators.

EMULATORS UNLIMITED + New Version (CD117) £19.99

Sound FX Sensation is an original new CD that contains hundreds of megabytes of high quality iff samples. A superb CD for game makers, demo makers, or even film makers. Hundreds of Sound FX subjects include Animals, Wild life, Nature, Explosions, Creatures, Scary stuff, Science fiction samples, House hold noises, car crashes, and hundreds more.

Includes full Licenced versions of BEATBOX and PLAY'n'RAVE 2

SOUND FX SENSATION (CD165) Only £14.99

Amiga CD features:
60minutes of audio
AGA 256 colour graphics
Multimedia interface
Hundreds of images
Video footage
4mb AGA Amiga required

VHS VIDEO £14.99

MULTIMEDIA AMIGA MULTIMEDIA SYSTEM Amiga CD ROM

SPECIAL FX Vol:1
*Actual Amiga Screen shots

John Pasternak's "Movie Maker" series takes you step by step through the professional techniques of Special FX, Horror and Action film making. Explained in *every detail* are all the camera angles, editing techniques, prop building, make up etc, all using easily available domestic equipment and materials. Available on video or Amiga CD ROM.

MOVIE MAKER SERIES NEW LOW PRICE! (CD184x) £19.99

Insight dinosaurs has been produced in association with The Natural History Museum in London, and features the work of world renowned dinosaur illustrators. It features hundreds of photo's, illustrations, video clips, narration and sound effects. It is the ultimate A-Z of dinosaurs. CD includes both ECS & AGA versions.

INSIGHT DINOSAURS Rated over 90% (CD114) £19.99

Call now for a FREE full colour 16 page CD-ROM catalogue! and a FREE copy of the new *Amiga* CD-NEWS fanzine!

World of Clipart is a double CD-ROM containing around 40,000 mono and colour clipart images contained in over 100 catagories in IFF, GIF, PCX, CDR, EPS, TIF, & BMP. Tools for converting images to another formats are included. Subjects include : Animals, Anatomy, Babies, Men, Women, Trees, Reptiles, Insects, Xmas, Religious, Planes, Vehicles, Ships, Toys, Zodiac signs, Eye catchers, Humour, Cats, Dogs, Computers, Technology, Sealife, Space, Symbols, Dinosaurs, Plants, Nature, Ads, Tools, Astrology, Hands, Birds, Business, Office, Workers, Cartoon, Lion King, Education, Food, Gardening, Holidays, Houses & Buildings, Helicopters, Children, Banners, Medieval, Military, Monsters, Music, Sports. Transport, and more.

WORLD OF CLIPART *Plus* Rated 94% DOUBLE CD Availble now! (CD77) £17.99

SCI-FI Sensation is an exciting new CD-ROM containing over 1.3GIG of SCI-FI images, animations, 3D objects, Sound FX, Documents, Themetunes, Scripts & SCI-FI games. Subjects included are: Babylon5, Startrek (The original, TNG, Deep Space 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, Sea Quest DSV, Bladerunner, Aliens, Terror hawks, 2001. Blake7, Battlestar Galactica, Tron, Total Recal, 2010, Space 1999 etc.

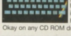
***Buy SCI-FI Sensation from us and you are guaranteed to allways receive the latest version.**

CU Amiga: 91% AUI: 93%

SCI-FI SENSATION v2 DOUBLE CD (CD118) £19.99

If your into Horror then this original CD ROM will please you no end. It contains Thousands of grusome images, tons of gory animations. Bloody games. Spine tingling horror type sounds, Horror stories, Pictures & animations from tons of horror films and heaps of *real-life* blood'n'guts. *This should have been called SICK Sensation... AUI May'96*

HORROR SENSATION NEW (CD144) £19.99



Retro gaming at it's best. Around 3000 all-time classic spectrum game files on one CD-ROM. Emulators included for any Amiga.. Games include Manic Miner, Skool daze, Monty mole, Startrek, Thrust, Jet Set Willy, The Hobbit, Strip Poker, Danger Mouse, The Sentinel, Micro Olympics, Under Wurlde, Uridium, Atic Atac, River raid, Barbarian, Hunchback and around 3000 other classic spectrum game files including *multi-load* games. Speccy '96 also contains hundreds of documents containing instructions for most games aswell as hundreds of speccy game cheats. Okay on any CD ROM drive connected to an Amiga.

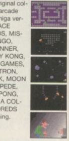
New Version!.. now also includes: Workbench games, lottery predictors, Hundreds of bad jokes and more.

Rated: *AF GOLD 95% - CUAMIGA 91% - AUI Over 90% - AC over 90%*

THE SPECCY CD 1996 V1.1 (CD119) £17.99

Arcade Classics is an original collection of ALL your old arcade favourites, Including Amiga versions of PACMAN, SPACE INVADERS, ASTERIODS, MISSILE COMMAND, PENGO, FROGGER, LOAD RUNNER, GALAXIANS, DONKEY KONG, NUMEROUS TETRIS GAMES, BATTLEZONE, TEMPEST, COMBAT, TRON, SPACE WARZ, THRUST, Q-BERT, HUNCHBACK, MOON PATROL, TRAIL BLAZER, BREAKOUT, CENTREPEDE, CYCLES, BEZERK, SNAKE, SCRAMBLE, PING PONG, BREAKOUT, NUMEROUS C64 CONVERSIONS, A COLLECTION OF JEFF MINTER GAMES AND HUNDREDS MORE. Over 600mb of unforgettable retro-gaming. Keyboard recommended.

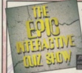
Now Includes Multimedia Amiga Interface.



ARCADE CLASSICS + NEW VERSION (CD76) Now £14.99

Contains 1200 our most popular floppy based software titles on one giant 600mb CD-ROM. Now you can purchase the entire Epic collection in one go. Subjects include: Professional mono clipart, colour clipart, numerous 3D objects for Imagine & Lightwave, Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Hundreds of Sound FX and samples, Virus Killers, Hard disk installer & tools, Various Hardware projects, Hundreds of games including Mind teasers, Puzzle, card, arcade and board games, books, and more.

THE EPIC COLLECTION v2 (CD100X) £19.99



COMING SOON

The Epic Interactive Quiz Show is an exciting new Amiga based CD-ROM quiz game for the whole family.

AMIGA MULTIMEDIA SYSTEM

Release price £29.99 Pre-order for £20.99

Features inlude:

- *AGA hi-res graphics
- *Virtually every question is spoken
- *Upto 4 players/teams can play
- *20 different subject catagories
- *Select from 10 different charactors, or add your own charactors.
- *Use keyboard or special contoller
- *Over 3000 different questions
- *Includes "flash card" questions

Available late Dec'96'

OPTIONAL "INTERACTOR" CONTROLLER. £24.99

THE EPIC INTERACTIVE QUIZ SHOW Order (CD248)

MORE AMIGA CD-ROMS

Aminet set one	24.99
Aminet set two	24.99
Aminet set three	34.99
Aminet 14 October	12.99
Aminet 15 Dec.	12.99
Texture Portfolio	29.99
3D Objects	9.99
Octamed Sound Studio	29.99
The Colour Library	9.99
**Meeting at Pearls 4*	9.99
CD32 Network set 2	34.99
Mods Anthology (4cd)	29.99
Personal suite	49.99
UPD Gold (4CD)	29.99

AMINET
SUPER
SUBSCRIPTION

TRANSFER YOUR AMINET SUBSCRIPTION FROM YOUR CURRENT SUPPLIER AND NOT ONLY WILL YOU GET EVERY FUTURE COPY OF **AMINET FOR £10.99** BUT WHEN YOU JOIN OR SUPER SUBSCRIPTION WE'LL ALSO SEND YOU £20.00 WORTH OF AMIGA CD-ROM VOUCHERS FREE OF CHARGE.

CALL OUR SPECIAL AMINET SUBSCRIPTION HOTLINE ON:

01793 432176

MINIMUM OF 3 ISSUES

This CD contains information that NOBODY wants you to know about. and includes tons of megabytes of text documents and photographs relating to UFO sightings and abductions etc.

ENCOUNTERS (CD179) £14.99

This NEW CD rom contains tons of all-time classic Commodore 64 games and sw emulator to run them.... Order now as stocks are bound to go quickly.

C64 GAMES CD (CD182) £29.99

Includes over 600mb of all the very latest music modules, covering everything from classical, rave, hip-hop, chart, slow, melow and jungle music. Also includes tons of sequencing tools and "tracker" utilities. NEW!

THE SOUND LIBRARY 2 (CD225) £14.99

This CD contains almost 100 variations of the worlds most addictive and loved game. Nearly all the games are ready to run directly from CD, and archived versions are also included. *Available Now!*

NOTHING BUT TETRIS (CD148) £9.99

UK FREE FONE email: epic@epma.demon.co.uk **Fax: 01793 514187**

0500 131 486

Send your orders to: EPIC. 139 Victoria Rd. Swindon. Wilts. UK

UK Office. Open Monday-Saturday. 9:30-5:30 Overseas: +44 1793 514188

Add £1 per title for UK P&P and £2 per title for overseas P&P

*If you live in Australia or New-Zealand you can purchase any of our CD-ROMs from our Sydney based office. Send your orders to: ***EPIC. 36 Forest Road, Heathcote, NSW. 2233***

Tel: (02) 9 520 9606 Fax: (02) 9 520 6077 *For prices in Australian $$$ simply double the UK £££ prices listed.

PRIORITY ORDER FORM

NAME ____________________
ADDRESS ____________________
____
____
MACHINE ____________________
PAYMENT METHOD ____________________
CREDIT CARD DETAILS
____
EXP DATE ____________________

PLEASE SUPPLY All price inc VAT

ITEMS	*Qty*	*£££*
TOTAL GOODS VALUE		£
POSTAGE & PACKING		£
AMOUNT ENCLOSED		£

E MAIL epic@epma.demon.co.uk Trade enquiries welcome, Telephone: 0181 8730310 or Fax: 0181 8730311 All products, prices and release dates are subject to change without notice. E&OE

The Chaos Engine 2

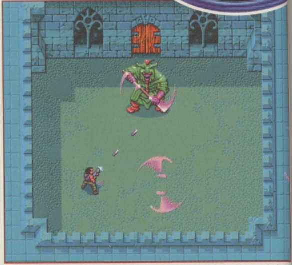
■ **DFR: November** ■ **Developer: The Bit map Brothers ✆ 0171 391 4300**

Almost there ... we take an in-depth pre-production look at what could be the best two player game ever.

We've had so many letters and phone calls concerning the Bitmaps' latest Amiga creation and when and if it would ever be ready that we persuaded the boys from Wapping to give us an exclusive sneak preview of the game, now in its final stages of testing. When we originally interviewed the Bitmap Brothers about this one: their last Amiga creation it was planned for release before the Summer, but a series of problems with their big PC product, Z, has delayed it and there are only so many brothers to go around. In fact the game was first scheduled for release at Easter 1995, but you never know these days do you?

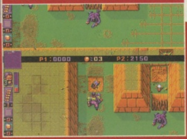
To recap on the storyline, Chaos Engine 2 is set in four different worlds where the four main protagonists are acting under orders of the Baron who is trying to reassemble the Chaos Engine. Each of the four worlds holds a set of components for the machine and the levels are built around retrieving these. The four worlds are: future, medieval, Aztec and Chaos – the latter being the mansion from the original. Each world has four levels, some of which are divided up into smaller zones with rooms and mazes to conquer. As the game progresses each map may have to be traversed more than once to get a result and although the game cycles through the worlds in the above order, the gameplay in the levels is non-linear, so you can play through things in a different order at different times.

The four characters are straight from the original, although they have been re-drawn and their computer player personalities have been enhanced. They are the Gentleman, the Brigand, the Navvie and the Mercenary. The former two are more geared towards brain than brawn and as

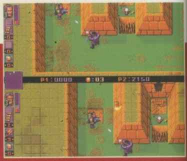


▲ Each world has its end of level boss. Like the enemies associated with each they're either pretty dumb or mind (and finger) numbingly smart. This is the fast flinging green knight from the mediaeval world.

The Aztek adventure



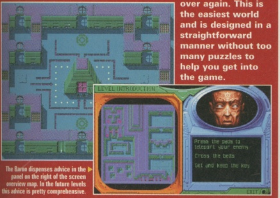
▲ The Navvie versus the Gentleman. Player 1 (top) has foolishly stepped on the spikes and temporarily killed the Gent. Player 2 (bottom) takes advantage with the Navvie and dives for some dynamite. The reason for these shenanigans is the jewel beyond the spikes.



▲ The reason for the dynamite becomes clear. Lobbing it into the room guarded by the spikes will cause an explosion which will cover the spikes. Unfortunately the Gent has recovered and by shooting the Navvie he is likely to recover the jewel first.

Future World

The first world you encounter is future world. This is characterised by robotic enemies, aliens, computer screens and circuit boards. The latter must be collected to please the Baron, who needs them to construct his Chaos Engine all over again. This is the easiest world and is designed in a straightforward manner without too many puzzles to help you get into the game.



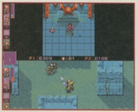
Press the pads to teleport your enemy

Cross the belts

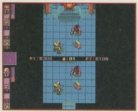
Get and keep the key

The Baron dispenses advice in the ▶ panel on the right of the screen overview map. In the future levels this advice is pretty comprehensive.

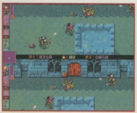
Mediaeval capers



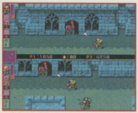
▲ Player 1 (top) as the Brigand is in one of the many rooms dotted around the mediaeval levels, about to pick up a potion. Player 2 (bottom) as the Mercenary fights it out with an armoured skeleton enraged by the madness of chaos. Or something.



▲ Guess who has just shot the Brigand? You'll notice that there are now four neatly lined up potions on the floor. When you shoot a character they will drop keys and objects, which are then ripe for picking up by the opponent.



▲ The Brigand has managed to trump the Mercenary by shooting him and making him drop his key. Although the Mercenary is quite difficult to kill, it looks as though the skeleton in the top right corner may have inadvertently contributed to his downfall.



▲ And so the Brigand seals his victory by charging through the door with the Merc's discarded key. Well almost. As you can see the score is different. The Brigand actually got killed and we had to play the sequence over again for this last shot.

computer players they pose a fast moving, object stealing threat. The latter two are combat orientated characters and will try their best to mow you down at every possible moment.

Intelligence

This is the key difference between Chaos 1 and 2. In the first game you selected another character to help you out, here they are in competition with you. In the one player game the computer character's artificial intelligence gets better as the game continues and their experience increases. On the future level your task is to collect circuit boards for the baron and find keys to get you out at the end of the level. But the computer character has the same aim. It will collect its own objects and then chase you around to get yours. It's frustrating to get to the end of the level and, just as you are about to use the key to activate the exit door, the bloomin' Mercenary shoots you, making you drop the key, then picks it up and steals through the door ahead of you.

The score is totted up on the Baron's totometer according to the amount of enemies you've axed (including the other player) the amount of objects you pick up and whether you get out the exit first. This latter point is important. You might be behind in terms of score but if, like the Mercenary in the example above, you can catch your opponent and clobber him you could sneak a win.

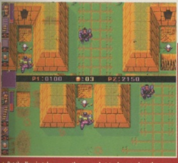
As far as the artificial intelligence is concerned I can confirm from a half day's play that it is indeed efficient. I must admit to a certain amount of scepticism when the complexity of the system was originally explained to me, but on later levels these guys get very smart, dodging bullets the way a human player might and wreaking havoc on your player in a most vindictive manner. A testament to this was when the game was being demonstrated at ECTS one punter demanded to know where the second (human) player was, thinking it was a network game.

Two player

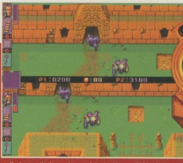
It's not a network game, but adopting a standard, horizontally split screen, two players can play effectively. There is a single screen option for playing against the computer if you so wish. It is in two player mode that Chaos engine shines most. According to Simon 'Duck' Knight of the Bitmaps: "you might not believe this, but we had Super Mario Kart in mind when we devised the two-player game". "The intention was to create something you could delve into at short notice without having to play through the full game."

Thus the two player mode is a

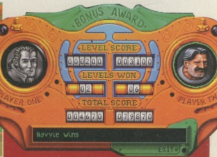
▲ Richard Joseph, pictured at ECTS. The man responsible for music and SFX on Chaos Engine 2.



▲ But the Navvie takes more than one shot to drop, and so the poor Gent loses out again. Here we see the Navvie about to claim the jewel and the Gent running back from where he was chased earlier to ambush his adversary.



▲ Having got the key and most of the jewels our old friend the Navvie has just tried to use the exit, but the Gent has finally succeeded in shooting him, has stolen the key and high-tails it through the exit first.

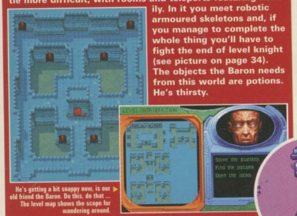


Navvie wins

▲ To no avail. The hapless Gent has been thwarted again. Mr Navvie's superior hoard of jewels sees him as the clear winner once and for all. He who laughs last laughs hardest. By losing, Mr Gentleman only gets a black and white picture. Ho hum.

Medieval World

World number two is medieval world. Here things get a little more difficult, with rooms and teleports featuring heavily. In it you meet robotic armoured skeletons and, if you manage to complete the whole thing you'll have to fight the end of level knight (see picture on page 34). The objects the Baron needs from this world are potions. He's thirsty.

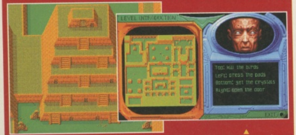


Solve the puzzles
Find the potions
Open the locks

He's getting a bit snappy now, is our old friend the Baron. Do this, do that ... The level map shows the scope for wandering around.

Aztek World

The Bitmaps are obviously keen historians as they've adapted Aztek mythology to their own ends in creating this level. Its enemies include jaguars (large cats, not cars) and the scenery is also against you ... yes you know the saying "the walls have ears"? Well, they've got laser guns in Aztek world and only an invincibility skill can ensure safe passage.

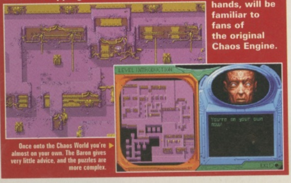


Top: kill the birds
Left: press the pads
Bottom: get the crystals
Right: open the door

Aztek world has more puzzles and traps than either of the earlier worlds. At this stage the computer characters' AI has become more sophisticated too.

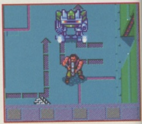
Chaos World

The final world is filled with mysterious hidden rooms and creatures and scenery that can prove lethal. It is heavily overgrown with mutant forms, due to the Chaos Engine's influence. Here you must pick up batteries to complete the Baron's shopping list. Some enemies, like the robotic hands, will be familiar to fans of the original Chaos Engine.



You're on your own now!

Once onto the Chaos World you're almost on your own. The Baron gives very little advice, and the puzzles are more complex.



challenge game, as opposed to simply a two-player version of the full game. In it you can select from one to four levels to play on each world and then enter into one on one combat to achieve the highest score. Another good reason for this method is that you can't select a human player for the full game and then cheat by playing it through without any (difficult) computer competition.

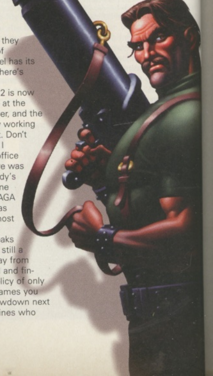
In many ways the two player mode is like a 2D version of the 'death match' modes in games like Breed 3D, with added competitive incentive to reach the end first.

Sounds good

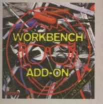
Another advantage of sitting down to play and watch the game being played for an afternoon was a chance to check out the impressive Richard Joseph sound effects and music. Through a decent sound system they add a major amount of atmosphere. Each level has its own theme tune, so there's plenty of variety.

The Chaos Engine 2 is now scheduled for release at the beginning of November, and the Bitmaps are definitely working full steam ahead on it. Don't take their word for it: I sneaked around the office and sure enough there was an Amiga on everybody's desk and Chaos Engine 2 was on them. The AGA version I looked at was fully playable and almost reviewable, but there were a couple of tweaks left which means it's still a couple of weeks away from being signed, sealed and finished. Due to our policy of only reviewing finished games you will get the whole lowdown next month (other magazines who reviewed the game three months ago take note!). The A500 version (yes, there is one) will be delayed longer, but is also due for release in November. ■

Alan Dykes



OM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-



Workbench Add-On Volume 1

The Workbench Add-On CD-ROM is the ideal companion to your workbench. On this CD you will not only find the best programs, that are available for the Amiga, but you will also get them ready-to-run from the CD. In addition to this there is an installer script that installs the desired programs to your harddisk.
The CD covers all areas of interest, all, the programmer, the user, the creative and the gamer will find what they are looking for. On this CD-ROM there are many shareware programs, some of them at a special price, if you get registered. There is e.g. Shapeshifter for 40.-DM (instead of 50.- DM), in addition to this there is a 50 MB Mac partition, so that you can start playing around with Mac applications right away. Then there is PowerPlayer for 20.- DM (instead of 30.-DM), there are, of course, loads of modules with it, so that you can try it right away. AmiWin, the new X11-server for the Amiga is available for $40, instead of $50. You can save more than 100.-DM with this CD. Therefore you only have to send in the appropriate page in the booklet to the author of the program. £24.95

• • • • • • • • • • • • • • • • • • •

Magic Publisher

Magic Publisher

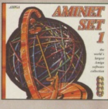
On this unique CD-ROM Set you will find all you need to create nice looking documents. If you want to write a book, if you want to design a poster, if you want to create WWW-Pages for the Internet or layout a magazine, all you need you will find on this marvelous CD-ROM. There are more than 10.000 Fonts (Colour Fonts, Bitmap Fonts, IFF-Fonts, Adobe Fonts, IntelliFonts, Truetype Fonts and DMF Fonts), more than 5.000 cliparts and 150 printer drivers. Many of these are exclusive to Magic Publisher. You will also find a complete installation of PasTex (more than 300 MB), containing all its fonts (upto 600x600 dpi). In order to create good looking documents, there is Final Writer 4 SE and Wordworth 4 TD. Both rated as the best word processors on the Amiga. For creating good looking Internet-WWW-Documents there are all available Free/ Shareware programs for the Amiga, including many backgrounds and special clipart for this purpose. The 100+ pages booklet contains printouts of all fonts and clipart. Aspecial BBS section is also provided. £49.95

• • • • • • • • • • • • • • • • • • •

AMIGA
DEVELOPER
CD V1.1

Amiga Developer CD v1.1

The official developer CD from Amiga Technologies contains all the material you need to start developing software forAmiga computers. This includes: The CD32 developer package. In addition to the original five disk set distribution you will find the "Build-CD" CD writer package Packages contributed by 3rd parties: The WBPath and ActionFSSM packages, courtesy of Ralph Babel; The Envoy v2.0 developer kit, courtesy of IAM, Inc.; The INet 225 developer kit, version 2, courtesy of Interworks, Inc.; The Kiskometer package, courtesy of Angela Schmidt; The Enforcer v37.64, courtesy of Mike Sinz. Information in support of forthcoming operating system developments. Additional developer material: BOOPSI gadget and image classes; The AmigaOS 2.04 example code, as part of the original 2.04 Native Developer Kit; The RKM 2.04 code examples; The complete set of registered IFF forms; IFF example and stress test files: All IFF packages released by Commodore-Amiga, Inc., covering 1986 through 1992; The camd v37.1 MIDI developer kit; The SANA II standard package and developer kit; The Installer v43.1 package. International support material: Sample text using the full ISO-8859-1 character set; Translation guidelines. The updated 3.1 Native Developer Kit: "C" and assembly language header files, linker and runtime libraries; System documentation and tutorial texts; Example code covering the Amiga OS 3.0 and 3.1 features; The NewIFF v39 package; The AmigaGuide and DataTypes documentation and example code. Reference material: The collection of AmigaGuide Volume 1 articles, covering Spring 1987 through January/February 1989; The complete AmigaGuide Volume 2 articles in AmigaGuide format, covering January/February 1990 through March/April 1993; also included are the printable issues in PostScript and PageStream format; Hardware related articles; The Includes & Autodocs in AmigaGuide format. £14.95



Aminet Set 1

Aminet is the world's largest collection of freely distributable Amiga software. Up to 10.000 users access the vast archives ervery day and countless programmers publish directly via Aminet. Until recently access to Aminet was restricted to international network users. With Aminet Set 1, consisting of 4 CDs, the complete archive is published the first time. This CD-ROM-collection, which is dated January 1995, offers an almost inexhaustible reservoir of top-value Shareware. A wide variety of programs is included: Applications, Games, Demos, Pictures, Mods, Animations, Developer-Material, ... It contains approximately 4 gigabytes of software in 12.500 archives and you will enjoy the comfortable user-interface. £29.95

• • • • • • • • • • • • • • • • • • •

AMINET
SET
2

Aminet Set 2

AMINET SET 2, dated November 1995, consists of approximately 4 gigabytes of software in 12.000 archives. Whether you like applications, games, communications or programming, the SET gives you all you need. Easy to use index files and search facilities make accessing it a pleasure. £34.95

• • • • • • • • • • • • • • • • • • •

AMINET
SET
3
Including full versions of Imagine 4.0, XiPaint 3.2, OctaMED 5 and some commercial games

Aminet Set 3

AMINET SET 3, dated July 1996, consists of approximately 4 gigabytes of software in 9.000 archives. Also included are full versions of Imagine 4.0, XiPaint 3.2, OctaMED 5.0 and some commercial games. Whether you like applications, games, communications or programming, the SET gives you all you need. 95 MB Utilities, 79 MB Documents, 408 MB text software, 12 MB Disk/HD tools, 7 MB Hardware related, 756 MB Pictures & Animations, 208 MB Graphics software, 394 MB Graphics & sound demos, 563 MB Games, 64 MB Miscellaneous, 685 MB Music modules, 28 MB Music software, 131 MB Communications, 91 MB Development Software, 88 MB Business software. Easy to use index files and search facilities make accessing it a pleasure. £39.95

• • • • • • • • • • • • • • • • • • •

GAMERS'
2
DELIGHT

Gamers' Delight II

This CD contains 1070 games for the Commodore Amiga from differing categories. Action, Jump & Run, Card Games, Puzzles, Strategy Games - a whole range of computer entertainment awaits! Gamers' Delight will hold you captivated for hours and guarantees long-lasting pleasure. 70 games are commercial versions - no public domain & no demos! This CD can be run on any Amiga with CD-ROM drive,1 MB free memory and Joystick/Joypad. £26.95

meeting
pearls
Vol. III

Meeting Pearls Vol. III

The Meeting Pearls Volume III contains 650 MB of the finest FD software via a special user interface, which has been created to allow you to find the program of your choice with ease. The contents: 10 MB Packer, Cruncher, Archive Programs · 3 MB CD-ROM Utilities · 21 MB Communication and Network Programs · 5 MB Debugging Tools · 29 MB Development Tools · 13 MB Floppy, Hard Disk ans SCSI Programs · 8 MB Educational Programs · 9 MB Games · 35 MB Graphics Programs · 39 MB Internet Movie Database, Updated Version · 7 MB Midi Tools and Programs · 27 MB Mods · 12 MB Music Programs · 21 MB Pictures · 13 MB AmiTCP and more for Networking · 60 MB Documentation, CD-ROM Databases, etc. · 96 MB PasTeX 1.4 - not previous available on any CD-ROM · 15 MB Utilities · 30 MB HTML-Pages · Collections of datatypes, benchmark programs, icons, programs for amateur radio and electrical/electronic engineering are also included. £9.95

• • • • • • • • • • • • • • • • • • •

AMINET 13
August 96

Aminet 13

Still available! £14.95

• • • • • • • • • • • • • • • • • • •

AMINET 14
October 96

Aminet 14

Aminet CD 14, dated October 1996, consists of approximately 1,1 gigabytes of software in 2400 archives. Since the release of Aminet CD 13 more than 750 MB new software has appeared. User friendly access software makes the Aminet CD 14 a pleasure to use. £14.95

XiPaint V4

XiPaint 4 is the new version of the leading edge, 24-bit paint program. It's suited to the demands of novice and expert alike, and within a short time, you too will be able to produce colourful and creative art in 16.8 million colours. This version of XiPaint features animations as well as easy-to-use raytracing-capabilities.
Overview of Features: · Diverse paint functions including colour, contrast and saturation adjustment · Mask, outline, recolour and fill functions · Airbrush with adjustable spray functions · Light-table function for manipulating montages and animations · Text functions with anti-aliasing using Compugraphic fonts · Support for a variety of graphic formats · Unlimited Undo · Diverse manipulation of alpha channel · Supports many graphic cards · Layers to combine different projects · ARexx port · Drag & Drop colours · External filter module · Extensive documentation · 60 textures, 50 landscapes, 30 other pictures and many fonts included. £49.95

• • • • • • • • • • • • • • • • • • •

MODS
ANTHOLOGY
Volume 1
4 CD-ROM

Mods Anthology

Do you like Music? Do you like Computers? Do you like Computer-Music? Then, this collection is what you need! 4 CD-Roms full of Music-Modules! More than 18000 mods of any format (MOD, S3M, XM, IT, Amiga Synthetics...) all sorted by Composers in priority, by Groups, then by Kinds; all stored in uncompressed form, readable under all the major platforms. Coming along with 11MB of Module Lists (ASCII, AmigaGuide...) and 25MB of Module Players and Trackers for many computers.Released with the full agreement from more than 200 musicians (PC and Amiga Scene) who provided me with a personal infofile and picture, as well as many previously unreleased modules!Enjoy this 7-years titanic work! Prepare to listen to 1000+ hours of Music! £29.95

• • • • • • • • • • • • • • • • • • •

NETNEWS
OFFLINE
VOLUME 1 · NOVEMBER 1995

NetNews Offline Vol. 1

NetNews Offline Vol. 1 is the first disk of a new bimonthly published series of Amiga CD-ROMs which contains all Amiga-related newsgroups from the internet. Every volume features about 50.000 articles which contain hot rumours, important information about all aspects of the Amiga, press-releases, discussions and flame wars, ... A newsreader is included. NetNews Offline is the cheap alternative of getting in touch with Usenet. £14.95

• • • • • • • • • • • • • • • • • • •

All products are available in your local Amiga-shop or through national mail-order-companies

WorldWideWeb:
http://www.schatztruhe.de

SCHATZTRUHE

International Distributor:

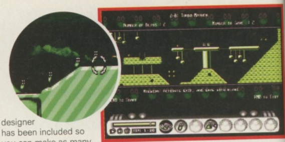
GTI

GTI
Grenville Trading International GmbH
Carl-Zeiss-Str. 9
79761 Waldshut-Tiengen · Germany
Tel +49-7741-83040
Fax +49-7741-830438
EMail: Compuserve 100336,1245

CHIARI OFFICE · 1996

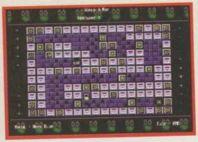
Blobz

■ **Price: £14.99** ■ **Publisher: Apex** ✆ **01709 890 552**



Not the most inspiring name for a game, but then look at Worms and how successful that title was. Blobz steals its gameplay style directly from Lemmings, replacing the suicidal rodents with green nondescript things decked out with tiny eyes. While Lemmings' motivation for suicide is biological, blobs just don't know any better. If they walk into spikes or water they die, but there's no stopping them. A walking they will go, straight into trouble.

As can be seen from the screenshots the landscape types are not as detailed or developed as Lemmings, but Blobz is a Blitz program and so is a little more basic (yes the pun was intended) than the game it's based on. The puzzles themselves are satisfying, if frustrating and they have been well thought out using the various 'skills' which you can assign each Blob. What you can't see from the screenshots is the smooth horizontal scrolling and the neat moving water effects and special touches. While the platforms themselves might look basic, there is a good reason for this: a level designer has been included so you can make as many as you like, and it's simple to use.



You assign skills to each Blob like Lemmings. First click on one of the skills represented by icons at the bottom of the page, then click on the Blob you want to execute this skill. There is a rocket pack skill, a jumping skill, a reversing skill, a chomping skill (allowing your Blobz to eat horizontally through structures, unless a solid girder is in the way) several directional missile skills and a digging skill. Not all of these are available on each level so, for instance, just when you're comfortable about saving Blobs with the reversing skill, it disappears on the next level. On some levels you have to pick up skill icons as you go along.

The game is based on six worlds each mapped out like a maze and there are 60 levels in total. To get to the end of a world you have to negotiate your way around the maze completing the levels. Although it is possible to get to the exit by completing maybe just 80% of these if you choose the right path, the ones you miss might contain valuable clues about completing later ones. The amount of levels and the increasing difficulty means that this is not a fast game to finish. Add the possibility of infinite custom levels and you have a lot of game. A well recommended purchase. ■

Martin Davies

82 %

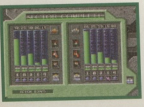
• • • • • • • • • • • • • • • • • • • •

DNA

■ **Price: £14.99** ■ **Publisher: Applaud Software**
✆ **01283 2172708888**

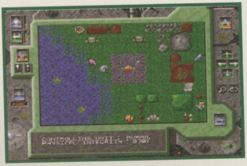
The aliens are a coming. Lock up your wives, your children, your pet tortoise and hide. Or you could try and stop the little green men from taking over our world, as we know it, by playing DNA from Applaud Software. It's simple enough to do, it's sort of a two-step with the aliens. You take your turn to try and pulverise them and they in return try to do the same to you. Simple.

The idea of the game is to neutralise each section on a grid.



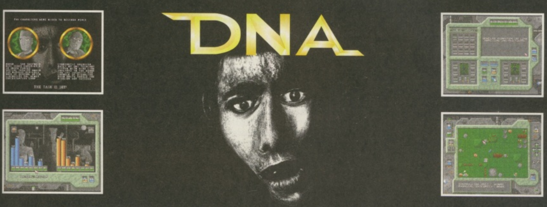
You've got two characters at your disposal: one human and an android. Each one has their own strengths and varying statistics which you can top up with points accrued from each sector neutralised. You can also increase your players' abilities by implanting them with special skills that you've cloned from any deceased aliens. In this aspect DNA is a bit like Microprose's UFO. And you've got a lab where you analyse the various genes that you've picked up and then decide if you want to implant them in your men.

DNA is a game which requires a lot of tactics and advance thinking if you're to avoid being totally annihilated. As the game progresses you are informed of the difficulty factor of each sector. One thing that is frustrating about this game is that one false move and you end up in a situation where you die very rapidly. This normally happens when your weaker player gets trapped by those annoying cannon ball like weapons. Also as your players are linked, if the weaker one dies they both die instantly. You can't predict either where these cannon ball things are going to move to as they sporadically fly about the screen and hammers into which ever player it decides to target. Unfortunately, my human player always seemed to die quickly no matter how much I tried to build him up. I also found it a bit annoying that I'd managed to get a long way into the game and then die within seconds thanks to those moving cannon ball things, no matter how much I'd tried to forearm him. Even the quirky reloading phrases like 'groove factor five' didn't manage to cheer me or make me want to plow through all the sectors again. If you're heavy on patience, enjoy tactics and don't mind trial and error too much then try it if not avoid. ■



Lisa Collins

65 %



APPLAUD SOFTWARE
33 York Road, Church Gresley, Swadlincote
Derbyshire DE11 9QG

DNA

DNA "A fine blend of RPG and classic strategy!"

Please send me ______ copies of 'DNA' for £14·99 (inc P&P) for the Amiga
I enclose a cheque/PO/IMO for ______________ (payable to 'Applaud Software')
Name ______________ Address ______________
______________ Postcode ______
Please note: 'DNA' requires a minimum of 1·5Mb of memory to run.

BRITAIN'S BIGGEST AND BEST AMIGA STORE ALWAYS FIRST FOR THE AMIGA
NEW RELEASES !! FINAL GATE (CD32) AVAILABLE OCT.1ST,
CAPITAL PUNISHMENT EARLY OCT, REALITY AVAILABLE NOW.

DIRECT SOFTWARE (UK) LTD

GAMES TITLES - AMIGA CD32	
LIEN BREED / QUACK	£18.99
ANSHEE	£14.99
ATTLE CHESS	£19.99
EAVERS	£14.99
ENEATH A STEEL SKY	£14.99
ODY BLOWS ULTIMATE	£19.99
RIAN LION	£22.99
UBBA N STIX	£13.99
UBBLE AND SQUEEK	£9.99
UMP N BURN	£18.99
HAMBERS OF SHAOLIN	£4.99
HAOS ENGINE	£18.99
HUCK ROCK 2	£19.99
ARK SEED	£35.99
EEP COVE	£13.49
EFENDER OF THE CROWN	£24.99
ISPOSABLE	£19.99
INK	£14.99
EARS	£14.99
IRE AND ICE	£17.99
LINK	£18.99
LOBAL EFFECT	£9.99
LOOM	£9.99
UINESS DISK OF RECORDS	£22.99
UNSHIP 2000	£9.99
MPOSSIBLE MISSION 2025	£4.99
NSIGHT TECHNOLOGY	£22.99
AMES POND 2	£14.49
INGPIN	£7.99
AST NINJA 3	£4.99
EGENDS	£14.99
EMMINGS 1	£4.99
ITTLE DEVIL	£16.99
OTUS TRILOGY	£24.99
AN UTD	£9.99
ICROCOSM	£9.99
ORPH	£17.99
YTH	£9.99
ETWORK CD	£9.99
ETWORK CD 2 (WITH CABLE)	£29.99
ICK FALDO'S GOLF	£17.99
SCAR / DIGGERS	£5.99
INBALL	£9.99
INBALL FANTASY	£17.99
IN PRELUDE	£18.99
OWER DRIVE	£26.99
REY	£13.49
ROJECT X / F17 CHALLENGE	£18.99
SYCHO KILLER	£18.99
UICK	£4.99
ISE OF ROBOTS	£19.99
OADKILL	£14.99
ABRE TEAM	£22.99
ENSIBLE SOCCER	£14.99
OCCER KID	£19.99
PEEDBALL 2	£18.99
SPORTS FOOTBALL	£17.49
SUMMER OLYMPIX	£18.99
SUPER LEAGUE MANAGER	£9.99
SUPER METHANE BROS	£9.99
SUPER PUTTY	£4.99
SUPER SKID MARKS	£7.99
SUPER STREET FIGHTER TURBO	£19.99
SYNDICATE	£22.99
THE CLUE	£25.99
THEME PARK	£21.99
VIDEO CREATOR	£14.99
VITAL LIGHT	£4.99
WORMS	£18.99
ZOOL	£14.99
ZOOL2	£14.99

GAMES TITLES - AMIGA	
7 GATES JAMBALA	£5.99
ALIEN BREED 3D	£7.99
ALIEN BREED 3D 2	£18.99
ALIEN BREED TOWER ASSAULT	£17.99
ARCADE POOL	£7.49
BLITZ BASIC	£28.99
BLOODNET	£27.99
BODY BLOWS GALACTIC	£14.99
BREATHLESS	£20.49
BUBBA N STIX	£4.99
BUBBLE N SQUEEK	£9.99
CANNON FODDER 2	£9.99
CASTLES 2	£9.99
CHAOS ENGINE	£14.99
CIVILISATION	£9.99
CLOCKWISER	£4.99
CLUB AND COUNTRY	£8.99
COMBAT 3 CLASSICS	£24.99
CORKERS	£4.99
DEATHMASK	£16.49
DIE HARD 2	£9.99
DINOSAURS	£14.99
EARLY ESSENTIALS	£14.99
ELITE	£4.99
ENGLISH	£14.99
ESSENTIAL MATHS	£14.49
EXILE	£12.99
EXILE DATA	£7.99
EXTREME RACING	£17.99
EXTREME RACING DATA DISK	£9.99
F1 CHAMPIONSHIP	£14.99
F1 CIRCUITS	£4.99
F1 MASTERS	£24.99
FEARS	£9.99
FLASHBACK	£12.99
FOOTBALL DIRECTOR 2	£4.99
FOOTBALL GLORY	£8.99
FRENCH	£14.49
GERMAN	£14.49
GLOOM	£12.95
GLOOM DELUX	£12.99
GOAL	£14.99
GRAHAM TAYLORS	£8.50
GUARDIAN	£7.99
GUY SPY	£13.99
HEIMDALL	£4.99
ISHAR	£9.99
JIMMY WHITE	£9.99
JUNIOR	£14.99
KICK OFF '96	£19.99
KILLING GROUNDS	£18.99
LABRYNTH OF TIME	£14.99
LEGENDS OF TIME	£14.99
MICRO GOLF	£4.99
MICROPROSE SOCCER	£2.99
MINI OFFICE	£9.99
MORTAL KOMBAT	£9.99
NIGEL MANSELL	£14.99
ON THE BALL	£14.99
OVERKILL	£14.49
OVERLORD	£14.99
PGA TOUR GOLF	£19.95
PIN PRELUDE	£18.99
PHOTON PAINT	£12.99
POWER DRIVE	£18.99
PREMIER MANAGER 3	£17.99
RALLY CHAMPS	£18.49
REACH FOR THE SKY	£14.99
REALITY	£28.99
REUNION	£27.99
RISE OF THE DRAGON	£9.99
ROADKILL	£12.99
SENSIBLE GOLF	£14.99
SENSIBLE WORLD OF SOCCER	£17.99
SIM CITY 2000	£14.99
SIMON THE SORCEROR	£19.99
SLEEPWALKERS	£12.99
SPIERS LEGACY	£19.99
STARLORD	£9.99
SUBWAR 2050	£14.99
SUPER LEAGUE MANAGER	£9.99
SUPER SKID MARKS 2	£14.99
SUPER STARDUST	£17.99
SUPER STREET FIGHTER 2	£12.99
SUPER TENNIS CHAMPS	£16.99
TIN TOY	£13.99
TORNADO	£23.99
TOTAL FOOTBALL	£18.99
TOURING CAR CHALLENGE	£8.99
TRACK SUIT MANAGER 2	£19.99
TRUE PINBALL	£41.99
TURBO TRAX	£14.99
VIRTUAL KARTING	£14.49
WATCHTOWER	£19.99
WING COMMANDER	£29.95
WORLD CLASS CRICKET	£12.99
WORLD GOLF	£8.99
XP8	£18.99

HARDWARE LIST

MEMORY CARDS	
4 MEG SIMMS	£24.99
8 MEG	£44.99
16 MEG	£98.99
32 MEG	£195.99

IDE CD ROM DRIVES	
2 X SPEED	£69.99
4 X SPEED	£119.99
8 X SPEED	£179.99

INCLUDES CABLE & FITTING.

MAGNUM ACCELERATOR BOARDS	
030 25 MHZ + FPU	£98.99
030 40 MHZ	£128.99
030 40 MHZ + FPU	£148.99
030 50 MHZ	£168.99
040 25 MHZ	£248.99
040 40 MHZ	£329.99
060 50 MHZ	£498.99

HARD DRIVES 3.5	
850 MEG	£148.99
1.0 GIG	£162.99
1.2 GIG	£175.99
1.6 GIG	£184.99

TOWER PACKS	
DOUBLE SPEED	£149.99
QUAD SPEED	£199.99
HD DOUBLE SPEED	£299.99
HD QUAD SPEED	£349.99

P&P £1.50

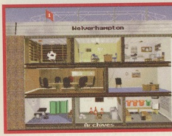
166, BIRCHFIELD ROAD EAST, NORTHAMPTON, NN3 2HF
TEL: 01604 722499 / (24hr Amiga Hotline 01623 759498) FAX: 01604 722498

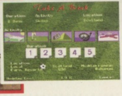
Player Manager 2

■ Price: £16.99 ■ Publisher: Hit Squad ✆ 0161 832 6633

Back in 1995 this version of Player Manager was very well received. It had great ancestry in one of the most popular footy management sims ever and as an update it almost managed the impossible: a sequel which does its predecessor proud. Similar in style to On the Ball and Audiogenic's Super League Manager, you can participate in the games you've planned using the Kick Off 3 game engine included.

You start off in the second division rather than the third, which makes getting used to the routine easier. So many games expect you to manage upwards from the third division, which can often be difficult and off-putting. PM2 is more accessible in this way. There are 16 teams from each of the four divisions included and you must create a team capable of winning promotion to the Premier League as well as joining in the fun in Europe. Competition is provided by three other managers who can be either computer or human controlled.





As usual your tasks will include training, dealing on the transfer market, dealing with sponsors and devising tactics (PM2 has a great tactics editor). Added realism is provided by the appearance of Alan Hansen, but as in real life, he can be a pain in the neck at times.

The main management menu is represented by a side cutaway of the clubhouse building which allows you to access the various areas essential to the smooth running of the club. Inevitably much action (if that is the right word) takes place in the manager's office where transfer deals and player purchasing takes place. Unfortunately PM2 is not the most informative game in this area and it can sometimes be confusing just how much money you're spending on players.

After the highlights of the management section actually playing the game in the KO engine is a bit of a disappointment. It's not the best arcade footy game by any means. But at least using the advanced tactical editor in the management section you can invent those wild plays you sometimes wish your favourite real life team would adopt.

This is one to watch out for. Anco subsequently produced an AGA version with allegedly improved graphics. They almost ruined it with superficial cosmetic stunts. This version is much more worthwhile, and now cheaper too. It falls in the middle between the two pillars of footy games: Sensible World Of Soccer and Premier Manager 3.

Less fun but more management than the former, and less stats and depth than the latter. If you really like football management it won't disappoint though. ■

Martin Davies

86 %

17 BIT
SOFTWARE
1ST FLOOR OFFICES
2/8 MARKET STREET
WAKEFIELD
WEST YORKS
WF1 1DH
TEL (01924) 366982
FAX (01924) 200943

POSTAGE RATES
UK - 75p Per CD. Max £1.50
EU - £1.00 Per CD. Max £4.00
R.O.W. £1.50 Per CD. Max £6.00
ALL ITEMS ARE IN STOCK AND AVAILABLE FOR SAME DAY 1ST CLASS OR AIRMAIL DESPATCH

SPECCY 96!
A CD Packed With Classic Spectrum Games To Run On Your Amiga!
IN STOCK NOW!
£17.99!

WE STOCK THOUSANDS OF AMIGA PUBLIC DOMAIN DISKS. SEND AN S.A.E. STATING THE MODEL OF YOUR AMIGA FOR A FREE CATALOGUE

E.M.COMPUTERGRAPHIC
PHASE 1 £24.99
PHASE 2 £24.99
PHASE 3 £24.99
FONTS & CLIPART CD's
IN STOCK NOW

WE NOW OFFER A 30 DAY MONEY BACK GUARANTEE ON ALL THE CD'S WE STOCK!
If you're not 100% delighted with your purchase, return it within 30 days for a no quibble, no questions asked refund!

ZOOM 2 IN STOCK NOW!!!!
After A Long Wait, It's HERE!
£17.99!!!
WE HAVE MANY MORE CD's IN STOCK THAT ARE NOT LISTED HERE DUE TO SPACE. IF YOU DO NOT SEE A CD YOU REQUIRE LISTED, CALL US!

WE PRICE MATCH CD'S

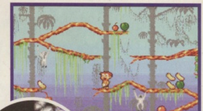
MORE TOP TITLES AVAILABLE!

F1 LICENCEWARE £31.99
AGA EXPERIENCE £17.99
OCTAMED 6 £26.99
WORKBENCH ADD-ON £24.99
GIFS AGA £17.99
SCENE STORM £17.99
ASSASSINS 2 £17.99
5TH DIMENSION £17.99
NET NEWS £14.99
EMC PHASE 4 £39.99
WORLD ATLAS £34.99
AMINET SET 3 £29.99
AMOS 2 £17.99
SOUNDS TERRIFIC 2 £17.99
AMINET 13 £14.99
NETWORK CD 2 £14.99
LIGHT ROM 3 £34.99
AGA EXP. VOL 2 £19.99
ENCOUNTERS £14.99
SCI FI SENSATIONS £17.99

Email: sales@bit17.demon.co.uk WWW: http://www.demon.co.uk/bit17

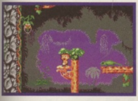
Ruffian

■ Price: £14.99 ■ Publisher: Ruffian Software ✆ 01606 835241



▲ Fruit and potion pick ups ahoy.

No you haven't stepped into a time warp. And things aren't so bad on the Amiga games scene that we're now randomly picking out old games that we reviewed months back. What am I talking about? For those of you who don't remember, we reviewed this platform game back in April 95 when it was planned for release from Grandslam. However, unfortunately, it never saw the light of day so now the creators of the game , Ruffian Software have decided to release it so we thought it worth a second look.



I'm glad that we are going to eventually see Ruffian in shops. Not because there is little software out there (well that helps) but because Ruffian is a good game. In my original review I said the only real thing that grated on my nerves was the music and I'm glad to say that this has been sorted out and it is not nearly as offensive now. Another change is that your little cheeky little hero no longer moons at you when he gets bored, though I kinda miss that.

Apart from those changes the game is the more or less the same as the original. Set in the jungle you've got a set time limit and energy levels as you leap from branch to branch and explore the hidden depths of the jungle in your aim to free the trapped pixies in that level.

Freeing the pixies is not a very dignified affair. Instead of walking up to them and releasing them somehow from the bubble-like substance they are trapped in you've got to gob at them instead. In these days of safe sex I don't know if that much exchange of bodily fluids is advisable but it's all for a good cause.

Ruffian can be tricky in places and as the game progresses, it becomes harder. You get more and more pixies to free and the places that they are hidden in become more difficult to access. You got to use a bit of forward thinking for these harder levels. For example, in some places you can use falling monkeys to catapult you to difficult-to-reach platforms. You also get a little help if you want to in the shape of 'helping hands' which point you in the direction of any unfreed pixies and exits. Extra energy and spitting power points are available in the shape of various assorted fruits and potions. Luckily there is also a password system so you don't have to go through the easier levels once you've completed them.

In all, Ruffian is still a good game. It's hard in place but it playable. Platform fans won't be disappointed and neither will anyone else looking for a decent game. ■

Lisa Collins

84 %

HiQ Limited Serving the Amiga User since 1988
Why not try our Internet site at www.hiq.co.uk
HiQ Limited

Limited Edition Mk2 PowerStation
Only 200 to be made, due to PWR connector shortage.
8 speed SCSI CDRom drive (1.2mb/sec)
New Style Tower/Desktop case
200w Power supply for Amiga
Hisoft Surf Squirrel SCSI/Serial interface
£15 discount voucher for Hisoft Surf Pack
Aminet 13 Cdrom + Meeting Pearls III rrp £24.95
Price only £329.95 inc Vat, +P&P
For the Ultimate A1200 SCSI & Power Expansion Box!!
Speakers not included

SIAMESE SYSTEM
VERSION 1.5
NOW SHIPPING
CALL FOR DETAILS

!!A1200 3.5" STAR DRIVE BUYS!!
JTS 1 GIG Only £179.95 ULTRA SLIM
JTS 1.6 GIG Only £199.95
JTS drives formatted, and Magic Workbench
plus PD Software installed. Includes cable pack.
Fits as easy as a 2.5" Drive, call for details.
Free fitting for personal callers.
UK Post & Packing £7 (CityLink)
SCSI Drives
Quantum 1.2 GIG £229.95

HiQ Ltd, Gable End, 2 The Square, Hockliffe, Beds, LU7 9NB
EMail address:- steve@hiqltd.demon.co.uk
All prices include Vat, Please add 2.5% for Credit cards
unless Connect and Delta versions
MasterCard VISA
TEL 01525 211327 Call for brochure FAX 01525 211328

LOWEST PRICED TOP QUALITY RIBBONS, INKJETS, TONERS & DISKS

Printer Ribbons

BLACK	1off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad PCW8256/8512/LQ3500	2.85	2.70	2.50	2.30
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30
Commodore MPS 1220/1230	4.50	4.35	4.15	3.95
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ200/400/500/800/850	3.45	3.30	3.10	2.90
Epson FX/MX/RX80/FX/LX800	2.90	2.75	2.55	2.35
Epson LX80/86/90	2.12	1.97	1.77	1.67
Mannesman Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62

BLACK	1off	2+	5+	10+
Panasonic KXP 1123/1124/1140	3.46	3.31	3.11	2.91
Panasonic KXP 1080/1180/90/1592	2.89	2.74	2.54	2.34
Panasonic KXP 2123/2180	4.95	4.80	4.60	4.40
Seikosha SL90/92/95	5.70	5.55	5.35	5.15
Star LC10/20/100	2.29	2.14	1.94	1.84
Star LC200	3.00	2.85	2.65	2.45
Star LC24-10/200	2.86	2.71	2.51	2.31
COLOUR	**1off**	**2+**	**5+**	**10+**
Citizen Swift 24	11.95	11.80	11.60	11.20
Panasonic KXP2123/2180	10.63	10.48	10.28	9.88
Star LC10/20/100	6.00	5.85	5.65	5.25
Star LC200	9.78	9.63	9.43	9.03
Star LC24-10/200	9.63	9.48	9.28	8.88

These are just a small selection of our Ribbons - Ring for those not listed

Ring us and *WE WILL BEAT* all other Ribbon prices

3.5" Disks & Disks Boxes

	Bulk		Branded	
	DD	HD	DD	HD
10 Disks	£5	£6	£6	£9
25 Disks	£10	£11	-	-
50 Disks	£16	£18	£24	£36
100 Disks	£29	£33	£41	£66
250 Disks	£65	£76	£96	£153
500 Disks	£125	£148	£187	£288

All Disks Certified 100% *ERROR FREE & INCLUDE FREE* Labels

Lockable 3.5" Boxes/Draws	
100 Capacity Box	5.99
50 Capacity Bax	4.99
240 Capacity Draw	18.99

Other Boxes & Wallets	
3.5" 10 Cap. Boxes	1.50
3.5" 6 Cap. Wallets	3.99
Lockable CD Drawers	
30 Capacity	16.99

Various Dust Covers available from £3.99

Inkjet / Bubblejet Cartridges

	1 off	2+	5+
Canon BJ 10/10ex/20 Cartridge	16.30	16.10	15.90
Canon BJC 4000 Black Refill	7.00	6.80	6.60
Canon BJC 4000 Colour Rfill	11.00	10.80	10.60
Commodore MPS1270 Cartridge	10.80	10.60	10.40
HP D'Jet 500 Series Black Cartridge	10.80	10.60	10.40
HP D'Jet 500 Series Tri-Colour Cart.	21.00	20.80	20.60
HP Thinkjet/Quietjet Cartridge	22.50	22.30	22.10

Inkjet / Bubblejet Refill Kits

Apple Stylewriter	8.50 for 2 x 20ml Refills
Canon BJ 10/10ex/20	8.50 for 2 x 20ml Refills
Canon BJ 200/230	8.50 for 2 x 20ml Refills
Epson Stylus 400/800/1000	8.50 for 2 x 20ml Refills
Epson Stylus Colour Black	8.50 for 2 x 12ml Refills
Epson Stylus Colour Colour	10.50 for 9ml of each Col
HP D'Jet 500 Series Black	11.00 for 2 x 40ml Refills
HP D'Jet 500 Series Tri-Colour	12.00 for 12ml of each Col.
Star SJ48	8.50 for 2 x 20ml Refills

Ring For Cartridges & Refills not listed

Normal UK Delivery £2.00, Next Day £7.50
Prices INCLUDE VAT (@17.5%)

01543 250377 **01543 250377**

Ring us or send cheques to:
Owl Associates, Dept 484, Owl House,
5 The Brambles, Lichfield, Staffs WS14 9SE

Official Government & Educational orders welcome

VISA

E& OE

A S A ☑
KEEPING
TABS
ON ADS

THE ADVERTISING STANDARDS AUTHORITY 2 TORRINGTON PLACE LONDON WC1E 7HW

Nobody knows DTP like Larry Hickmott, the person CU Amiga, Amiga Shopper and Amiga Format go to for DTP

THE BEST DTP CDs? *Probably!*

ONLY AVAILABLE FROM LH PUBLISHING!

DTP ToolBox

Probably the best CD for Amiga desktop publishers! - Larry Hickmott

Includes:

- *Professional Page 4.1 (Run from CD)*
- *Professional Draw Upgrade*
- *1,000 + PostScript Fonts*
- *PageStream Updates for version 3!*
- *800+ CGFonts*
- *Index thumbnails for EMC's Phase 1, 2 & 3 CDs (Find that image with no CD swapping)*
- *Hundreds of colour Photos*
- *DTP Utilities including the FD version of ImageStudio!!!*
- *Templates for ProPage, PageStream, Final Writer & Wordworth*
- *Wordworth & PageStream enhancers*
- *Font Converter ! Change PostScript fonts to Compugraphic!!!!*
- *Final Writer Lite*
- *Wordworth 5 CD Version*

£39.95!

SPECIAL OFFER - ADD UP TO 10 DISKS OF YOUR OWN FILES FREE!!

Publisher's ProPAK

Includes:

- *DTP ToolBox (Norfmal Price £39.95)*
- *Phase 1 (Normal RRP £24.99)*
- *Phase 2 (Normal RRP £24.99)*
- *Phase 3 (Normal RRP £24.99)*
- *EMC.Info Font Reference Book (Normally £9.99)*
- *plus 3 Issues of Amiga Em Magazine (£6.88)*

£79.90!

SAVE MORE THAN £50!

4 CDS PLUS BOOK!!!!

ALSO AVAILABLE:

CHECK THIS OUT - LOWEST PRICE, Limited offer!

> Phase 1, 2 & 3 £18.99 each! (Special Offer!!!)
> Em Magazine: 3 Issues - £6.88
> Step-By-Step with ProPage - £19.99
* Buy DTP ToolBox & Step-by-Step and get ProPage Manual (worth 19.99) Free!
> ImageStudio 2.3 £15.00 (with printed manual)
> EMC.INFO (Printed Font Reference Book)

HOW TO ORDER VISA **01908 370 230**

VISA MASTERCARD SWITCH EUROCARD DELTA

Send cheques or P/Orders to: LH Publishing, 13 Gairloch Ave, Bletchley, MK2 3DH / 24hr Fax Line - 01908 640 371

POSTAGE - UK £3 for DTP ToolBox and other individual CDs, £6 for ProPAK, OVERSEAS - £5 for DTP ToolBox etc, £9 for ProPAK Airmail

Adventure Helpline

I've been searching through my mailbag for some things to tempt you with. Here are the tastier ones. Enjoy.

The Secret of Monkey Island

I can't open the sealed trunks in the hold on the ship to Monkey Island. I used the rope as a fuse on the cannon and used the gunpowder in the nozzle but nothing happened. I know that I can use the pot from the kitchen as a helmet, so I can be fired off this ship onto another one, but when does another ship pass by?

Thomas Rutherford, Kirkcaldy.

The reason you can't open the sealed trunks is because they are sealed! And the reason you can't blast yourself off one ship onto another is because it's Monkey Island that you want to be blasted onto. Here is the complete sequence to get off the ship.

Get the Jolly Roger flag from the mast. Go down into the hold, get the rope, open the chest and then take the wine. Get the gunpowder then go to the galley and get the pot. Open the cupboard and get the cereal. Open the cereal and take the prize. Go to your cabin and get the ink, then use your prize (which is a key) to open the cupboard. Inside is a recipe and cinnamon sticks. Go to the galley and use the cinnamon sticks, the breath mints, the Jolly Roger, the ink, the fine wine, the rubber chicken, the gunpowder and the cereal on the cooking pot. Things will turn nasty for a moment, then you can use the business card which you got from Stan on the fire. Pick up more gunpowder then return to the upper deck. Monkey Island will now be in sight and you can fix up the cannon to blast yourself off the ship.

Simon the Sorcerer

How do you get on top of the Dragon's Cave?

Colin Lowery, Dublin.

Very quietly I would think, because you don't want to wake him. Before you go climbing anywhere use the cold remedy on him to make sure he is fast asleep. You can pick up this handy medicine from the Druid's house. Once the dragon is dozing, grab the fire extinguisher and leave.

Outside the cave you can combine the rope from the Blacksmith's Forge with the hook from the Mine. Now use the hook on the boulder at the top of cave entrance to climb up.

Operation Stealth

My girlfriend and I have been thrown overboard with rocks tied to out feet. How do I escape?

R. Eates, Sheffield.

That's typical! You want to know how 'you' can escape. What about the poor girl? Well the answer depends on how confident you are about yourself. I mean, would you feel a sissy wearing a bracelet? If you are worried about it, just remember that you are supposed to be an incredibly sexy secret agent and no one will think anything of it.

Provided that when you changed your dollars into the local currency you remembered to do the action twice, you should have enough money to buy a bracelet from the guy on the beach. Wear the bracelet, then just before you are chucked overboard you must 'Operate' the bracelet. Once you are in the water, wait until you almost reach the ocean bed, then 'Operate' the bracelet again to free yourself. Swim towards the girl and 'Operate Girl' to free her. Whether you're really sexy or not, somehow I don't think she'll be in a hurry to go out with you again.

Future Wars

To try and escape from the prison I used the key to remove the grille but I don't know what to do next. In my inventory I have: a lance, newspaper, blowtorch and documents. Am I missing anything?

Mark Cosgrove, Neath.

Yes. This part of the game always stumps players, because the answer is really unfair. What you are missing is a gas grenade which is nearly impossible to find. Do you remember when you rescued the fair damsel from the glass dome she was imprisoned in? The grenade is to the right of the glass cylinder. Once you have it, you can put the grenade through the grille and then cover the hatch with the newspaper to prevent the gas seeping back into your cell.

Police Quest III

I have recently phoned the Sierra automatic helpline for help with Police Quest III, Day 4. It said that I had to get a note (from my message basket) to go to court, but I don't receive such a note, instead I have to go straight to the murder scene. It also said that I have to get a tracking device from the technician AND it said that I have to see Marie at the end of the day, but the game takes me straight home after Morales has made a phone call.

Is there someone that I need to talk to, or something I need to do in one of the earlier days?

Adam Noon, Thorngumbald.

I have double checked the solution and Sierra are correct. As most guys don't know what day of the week it is, shall we double check with you? Day two began with the boss ringing you at home. Day three began with you at home, then going to work in the Homicide Office. You pick up a memo from your basket which has the address 325 South Second Street on it. You ended the day at Oak Tree Mall and then you went back to the station, then home.

Day four begins at home, then you leave the house and go to the station. Go to the Homicide Office and there is a note on your desk. It is a court summons. Take the note, then go to the third floor where you can pick up a tracking device from the Head Technician. You'll note that my solution says that the note is on the desk and not in your message tray. I can't recall if I specified the desk deliberately, or if I meant the message tray, but take it from me, that message is somewhere on that desk.

Monkey Island II

How do I get the monkey from the bar? I've tried offering the monkey my banana, but the barkeeper tells me to get lost.

David Ellams, Borehamwood.

What a lousy technique for picking up people in bars. It's easy really. You simply attach your banana to the metronome and as it ticks from side to side the monkey will watch it until it becomes hypnotised. You'll now be able to pick it up and take it home with you. ■

If you've got a little problem with your favourite Role Playing Game and would like Vamp to help you out, drop her a line at
CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

FINAL THOUGHT FOR ANYONE WHO HAS BEEN LET DOWN BY A MAN BEFORE: 'TIME WOUNDS ALL HEELS'.

Snip tips

by Matt Broughton, Games Consultant.

Earwig-o again! More cheats, more codes, more tips. What incredible value for money! Matt Broughton will be your driver today. HOLD TIGHT!

FIRE AND ICE

Graftgold

Matthew Belshaw from Lowestoft has discovered a hidden goody in this excellent Graftgold classic. On Green Run (level 2) go to the top of the slope and use a snowflake (ie down and fire). This will reveal a staircase made up from blocks marked with a question mark. Climb this and, at the top, jump straight up to get warped to a further stage. Try this in other levels as somehow (don't ask me how folks!) you'll find yourself with infinite lives! What an excellent cheat! Ta mate.

MORTAL KOMBAT 2

Acclaim

Marcelino Salcedo of The Netherlands (gosh we go all over the place, don't we?) has a nifty little code to remind us about that accesses a diagnostics screen that allows you to choose opponents, change time, and... well, tons of things really! Just go to the options menu and type the code **ZEDWEB.** If the cheat doesn't work first time, just keep entering **ZEDWEB.** Ace!

DIGGERS CD32

Millennium

Ah, now here's a game that wasted many a happy (if pointless) hour! Well Adam Shailer has a decent little cheat that allows you to collect tons of jewels without having to go anywhere! Dig a tunnel horizontally at least five squares across. Now dig down one square, then up diagonally until you're back on the level of your original tunnel. Now dig down the SMALLER part of the slope to remove it (you should end up with something that looks like a castle's battlements (you know, ramparts, that sort of thing) anyway ... you can now place a digger inside these 'trenches' and get them to dig diagonally up in the direction of the slope. They won't actually go anywhere, but will keep digging, miraculously finding jewels regularly! Crazy, huh?

FRONTIER

Gametek

Not really a cheat, just some damn good advice from 'Mr Nice Guy' of Herefordshire.

Try this: Start at Lave and buy a Viper Defence craft, along with a beam laser from upgrades. Also buy an automatic pilot, four homing missiles and atmospheric shielding. Now ask permission for launching (and don't forget some fuel!). Your objective is Zaonce, but don't go there yet. Jump to Tionisla and THEN on to Zaonce. Head for the planet Industry, go to the space station, and check out upgrades. You'll find that you're in a pretty tasty position to progress further (you'll see what I mean when you get there!)

XTREME RACING

Guildhall Leisure

Tobias Caplen of Hampshire would like to share with us all a handy cheat for accessing the three tracks without having to win the three levels of cup races. Type **IDKFA** in any of the menu screens and the screen with all three tracks on will flash (type it in again to deactivate the cheat).

01:05:20
LAP
1
8TH
RECORD LAP TIME
00:19:56
XTreme
8TH 3RD 1ST 6TH 2ND 4TH 5TH 7TH

▲ To get to the three tracks in Xtreme Racing without having to win the three levels of cup races type IDKFA in any of the menu screens.

ALIEN BREED 3D II

Team 17

Another cheat from Tobias comes in the form of a cheat of sorts that allows you to build up a bit of ammo supply without too much effort. When the game has first loaded, collect both ammo boxes in the first room and then press the Esc key. Select to 'Play Game' again and repeat the process until you've clocked up enough ammo to complete the level without running too low. Handy, non?

CIVILISATION

MicroProse

An excellent discovery by Paul Hendrikx from The Netherlands (again!) means that you can now design your own worlds using a package like DPaint V! Load into DPaint a file from the Civilisation directory called 'CIVMAP.lbm'. You'll see a map of Earth in the left corner so save this somewhere else. Now you can draw your own world using the following colour sequence:

Light green = Grassland
Light blue = Jungle
Dark blue = Oceans
Brown = Plains
Purple = Mountains
White = Arctic
Dark green = Forest
Medium blue = River
Yellow = Desert
Red = Hills
Grey = Tundra

Also: If you save your game before entering 'an advanced tribe' you can load it again if barbarians come out or if you want a new city, unit, or new invention. Cool or what. ■

Time gentlemen

Sorry gang, but please drink up and LEAVE! Keep your tips coming in though, and don't forget that there's (eventually) a free Hit Squad game for every tip printed. Don't forget to let me know what machine you've got or you simply shan't get a prize ALL RIGHT! Be seeing you ...

AMIGA REPAIRS

COMPUTERS AND MONITORS

That's a promise for computers!!

Attention Dealers
Ring/Fax Now for best trade prices and terms on Repairs, Spares, Floppy Drives, Hard Drives, CD Rom Drives and Memory Upgrades.

- FAST TURNAROUND
- 90 DAYS WARRANTY ON ALL REPAIRS!!
- £10 EXTRA CHARGE FOR WHILE-U-WAIT SERVICE
- COURIER CHARGES £7.05 EACH WAY
- A1500/A2000/A3000/A4000..........£QUOTATION

WHILE 'U' WAIT SERVICE AVAILABLE

A500, A500+ & A600	A1200
£39.95	£49.95

2.5" HARD DRIVES

For A600 & A1200

60Mb	£59.95	170Mb	£99.95	340Mb	£149.95	540Mb	199.95
80Mb	£69.95	250Mb	129.95	420Mb	£169.95	870 Mb	£249.95

All hard drives are pre-formatted, partitioned with Workbench loaded and include 2.5" IDE cable and software

2.5" IDE Cable and Software (if bought separately).............£9.95

ACCELERATORS

Apollo 1220	£99.00
Apollo 1240/25MHz	£339.00
Apollo 1240/40MHz	£449.00
Apollo 1260/50MHz	£569.00

SIMMS

Call for latest & best prices

MODEMS

B.A.B.T Approved
+ NCOMM Software

14.4k	£69.95
28.8k	£129.95

SIMPLY THE BEST AFTER-SALES SERVICE

MEMORY UPGRADES

A500	Upgrade to 1 Meg	£13.95	
A500+	Upgrade to 1 Meg	£19.95	
A600	Upgrade to 2 Meg	£19.95	

UNBEATABLE PRICES

A1200	0Mb	4Mb	8Mb
	£49.00	£85.00	£125.00

33MHz FPU plus Crystal...........£39.95

GUARANTEED SAME DAY DESPATCH
(Subject to availability)

INTERNAL FLOPPY DRIVES

A500/A500+	£29.95
A600/A1200	£34.95

CHIPS ✤ SPARES ✤ ACCESSORIES

1 Meg Fatter Agnus	£19.00	8520 CIA A600/A1200	£14.50
2 Meg Fatter Agnus	£24.00	8374 Alice A1200	£30.00
8362 Denise	£9.00	8364 Paula A600/A1200	£16.50
8373 Super Denise	£18.00	Video DAC A1200	£19.00
5719 Gary	£7.50	A600/A1200 Keyboard	£60.00
8520 CIA A500/A500+	£15.00	Lisa A1200	£35.00
8364 Paula A500/A500+	£12.00	Gayle A600/A1200	£25.00
Kickstart ROM 1.3	£15.00	Budgie A1200	£30.00
Kickstart ROM 2.04	£22.00	Mouse (290dpi)	£15.00
KKickstart ROM 2.05	£29.00	SCART lead	£15.00
A500/A500+ Keyboard	£50.00	Mouse Mat	£4.00
6570 Keyboard Chip	£20.00	10 Boxed Branded Disks	£6.00
68000 Processor	£8.00	Printer Cable	£6.00
Power Supply A500/A600/A1200	£35.00	100 Disk Box	£7.00
Exchange A2000/A1500 Power Supply	£70.00	Squirrel SCSI Interface	£59.00

* All chips are available ex-stock
* Please call for any chip or spare not listed here

AMITAR CD ROM DRIVE

QUAD SPEED

Including Squirrel SCSI Interface

NEW LOW PRICE!

£189.95

Genlocks

L500	£69.95
L1500	£169.95
L2000S	£349.95

SPECIAL OFFER

A1200 without hard drive	£299.95
A1200 with 80Mb hard drive	£349.95
A1200 with 170Mb hard drive	£379.95
A1200 with 340Mb hard drive	£429.95
A1200 with 510Mb hard drive	£499.95

☆ Call for more good deals

ANALOGIC
ANALOGIC
ANALOGIC

Analogic Computers (UK) Ltd
Unit 6, Ashway Centre, Elm Crescent,
Kingston-upon-Thames, Surrey KT2 6HH

Open Mon-Fri 8.00am-5.30pm, Sat 9.00am-5.00pm Fax:0181 541 4671

Tel: 0181 546 9575

★ All prices include VAT ★ All prices & specifications subject to change without notice ★ Fixed charge for repair does not include disk drive/keyboard ★ We reserve the right to refuse any repair ★ P&P charges £3.50 by Royal Mail or £7.05 for courier ★ Please allow 5 working days for cheque clearance ★ All sales/repairs are only as per our terms and conditions, copy available on request

VISA MasterCard

Visage
—Computers—

25 Bath Street,
Ilkeston,
Derbyshire
DE7 8AH

Tel: (0115) 9444500 Fax: (0115) 9444501

STORAGE

HARD DRIVES

WESTERN DIGITAL

635MB	£CALL
850MB	£CALL
1 GIG	£149.99
1.2 GIG	£179.99
1.6 GIG	£199.99

Seagate

635MB	£129.99
850MB	£CALL
1 GIG	£CALL
1.2 GIG	£164.99
2 GIG	£239.99

All 3.5" IDE Hard drives require an adaptor cable when fitted into an A600/1200 (£15.00 when purchased with a drive) £19.99 when purchased separately.

PRICE WATCH
If you have found a cheaper price elsewhere in this magazine call us and we will do our best to beat it.

A500 ALFAPOWER

540MB	£214.99
850MB	£CALL
1 GIG	£234.99
1.2 GIG	£254.99

Externally cased Hard drives for the A500/500+. Can be populated with upto 8MB of RAM. (72PIN SIMMS)

WAIT!

When you first receive your hard drive we think the last thing you want to do it to have to reformat it. All our drives are set up CORRECTLY. We can even configure the drive to your specifications

* Drives are formatted & installed with Workbench.

* OVER 150MB of top quality Public Domain software including:- Compugraphic fonts & clipart, Lightwave & Imagine objects, top demos & music modules, essential utilities, games and lots more

IBM / HITACHI 2.5" IDE

80MB	£CALL	540MB	£139.99
170MB	£89.99	720MB	£169.99
256MB	£CALL	1GIG	£279.99
340MB	£1CALL	1.2GIG	£349.99

Quantum

635MB	£CALL
850MB	£139.99
1 GIG	£CALL
1.2 GIG	£164.99
1.7 GIG	£199.99
2.5 GIG	£299.99

MEMORY

72pin 70NS		72pin 60NS	
4MB	£24.99	4MB	£24.99
8MB	£49.99	8MB	£49.99
16MB	£99.99	16MB	£99.99
32MB	£199.99	32MB	£199.99

Please call for the latest prices. As memory prices can change daily

A1200 RAM CARDS

A1200 0MB	£49.99
A1200 4MB	£74.99
A1200 8MB	£99.99

CALL (0115) 9444500 OR (0115) 9444501
TO PLACE YOUR ORDER

APOLLO ACCELERATORS

APOLLO 1240/1260

The new Apollo 1240 features a fan cooled super-fast 68040 running at 25MHz, in-built FPU, Battery-backed clock and 1 x 72 pin SIMM socket. Making it one of the best value accelerator cards available.

1240/25 0MB	£249.99	1260/50 0MB	£549.99
1240/25 4MB	£279.99	1260/50 4MB	£579.99
1240/25 8MB	£299.99	1260/50 8MB	£599.99
1240/25 16MB	£349.99	1260/50 16MB	£649.99
1240/25 32MB	£449.99	1260/50 32MB	£749.99

APOLLO 1230 LC

The 1230LC combines the best Price/Performance ratio for any Amiga 1200 accelerator. With a 68030/25MHzand 25MHz 68882 FPU, 1x 72 pin SIMM socket (1 or4MB). Real-time battery backed clock.

1230LC 0MB	£99.99
1230LC 4MB	£124.99

APOLLO 4040

The new Apollo A4000 Accelerator fits
the CPU slot of the A4000 (A3000/T).
Fully upgradeable to the Motorola 680
CPU (Call for prices & availability). Com
in 33, 40 & 50MHz versions, 4 x 72 p
SIMM sockets (2 x 72 pin SIMM for
A3000 Desktop) & SCSI-2 controller.

4040/40Mhz	£349.9
4060/50Mhz	£599.9

Also available:- APOLLO 2030 for A1500/A2000
APOLLO 620 for A600

Microvitec 1438 Multisync Monitor including cables and 25Watt speakers
£289.99

NEW Epsom Stylus 500 Colour Inkjet Printer. Prints 720dpi on standard paper
£289.99

HOW TO ORDER

BY POST: Please make cheques and Postal Orders payable to **"Visage Computers"** Please allow 5 Working days for cheques to clear

WE ACCEPT ALL MAJOR CREDIT CARDS INCLUDING SWITCH & VISA DELTA

BY PHONE:
Credit/Debit card orders taken from 9.30am - 5.30pm Monday to Saturday

DELIVERY CHARGES
NEXT DAY - £6.9

Visage Special Offers
—Computers—

APOLLO 1240/25

£249.99

SUPER LOW SPECIAL OFFER PRICES

1240-4MB....£279.99 1240-8MB....£299.99
1240-16MB....£349.99 1240-32MB....£429.99

720MB 2.5" IDE HARD DRIVES

£169.99

INC CABLES, INSTRUCTIONS & SCREWS

LIMITED STOCKS.........HURRY!!!

SURF THE NET!

14,400 FAX/MODEM
£49.99

28,800 V34 FAX/MODEM
£129.99

INCLUDING CABLES & SOFTWARE

MICROVITEC 14" 1402 MULTISYNC MONITOR

£269.99 INC CABLES

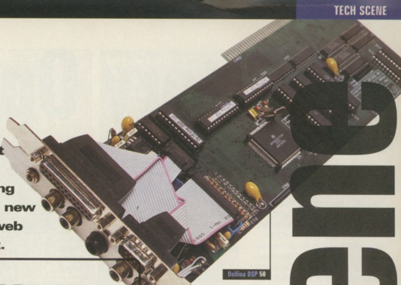
MICROVITEC 17" 1701 MULTISYNC MONITOR

£559.99 INC CABLES

CALL (0115) 9444500 OR (0115) 9444501 TO PLACE YOUR ORDE

Tech Scene

As promised, we've brought you the first review of the new Delfina DSP card, along with Directory Opus 5.5, a new IDE solution and a tough web browser head-to-head test.



Delfina DSP 50

48 Directory Opus 5.5

Everyone's favourite file manager takes another step forward. Could it be enough to completely oust Workbench from your system?

50 Delfina DSP

Commodore promised us a DSP but never delivered. Now Petsoff have come up with the goods: every musician's dream?

52 Alfa Quatro

With Alfa Data's new gizmo you can now attach up to four hard drives and CD-ROMs to your IDE interface.

54 Browser War

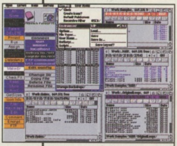
As two Internet web browers are released simultaneously we put them head-to-head in a series of tests: IBrowse vs. AWeb.

60 PD Scene

As the nights draw in the demo scene starts to pick up again, throwing up some tasty morsels for the eyes and ears.

62 PD Utilities

One of the most active areas of the Amiga scene, the shareware circuit continues to produce a wide range of quality software.



Directory Opus 5.5 48

IBrowse vs. AWeb 54

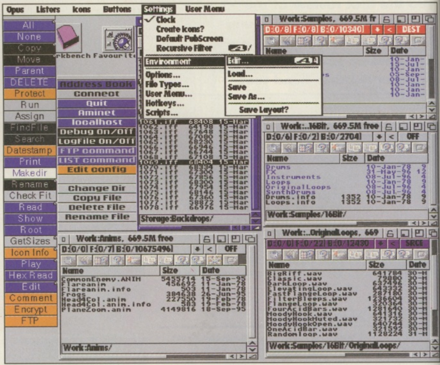
PD Utilities 62

Revolution

PD Scene 60

Directory Opus 5.5

■ **Price: £49.99** ■ **Developer: GP Software** ■ **Supplier: Wizard Developments © 01322 527 800**


Opus
Listers
Icons
Buttons
Settings
User Menu
✓ Clock
Create Icons?
Default PubScreen
Recursive Filter
Environment
Options...
File Types...
User Menu...
Hotkeys...
Scripts...
Edit...
Load...
Save
Save As...
Save Layout?
All
None
Copy
Move
Parent
DELETE
Protect
Run
Assign
FindFile
Search
Datestamp
Print
Makedir
Rename
Check Fit
Read
Show
Root
GetSizes
Icon Info
Play
Hex Read
Edit
Comment
Encrypt
FTP
rkbench Favourite
Address Book
Connect
Quit
Aminet
localhost
Debug On/Off
LogFile On/Off
FTP command
LIST command
Edit config
Change Dir
Copy File
Delete File
Rename File
Work:Samples, 669.5M fr
D:[0/8] F:[0/8] B:[0/10340]
DEST
OFF
SRCE
Name
Size
Date

```
1061.iff   68408 15-Mar
1062.iff   64198 15-Mar
1063.iff   67648 15-Mar
1064.iff   67080 15-Mar
1065.iff   68230 15-Mar
1066.iff   66946 15-Mar
1067.iff   66744 15-Mar
1068.iff   67108 15-Mar
1069.iff   68404 15-Mar
1070.iff   68334 15-Mar
1071.iff   67300 15-Mar
1072.iff   67856 15-Mar
1073.iff   68300 15-Mar
1074.iff   67954 15-Mar
1075.iff   68146 15-Mar
1076.iff   67360 15-Mar
1077.iff   58872 15-Mar
1078.iff   66976 15-Mar
Storage:Backdrops/
```

```
Work:...16Bit, 669.5M free
D:[0/6] F:[0/2] B:[0/2704]
Name                Size Date
Drums                    10-Jan-78  9
FX                       31-May-96 12
Instruments              08-Jul-96  4
Loops                    10-Jan-78  9
OriginalLoops            08-Jul-96  4
SynthDrums               08-Jul-96  4
Drums.info          1352 10-Jan-78  9
Loops.info          1352 10-Jan-78  9
Work:Samples/16Bit/
```

```
Work:Anims, 669.5M free
D:[0/0] F:[0/7] B:[0/10675496]
Name                     Size Date
CommonEnemy.ANIM      5455714 15-Sep-95
Flareanim              456692 11-Jan-78
Flareanim.info            503 11-Jan-78
Frogs                  384638 26-Jun-95
Head4Col.anim          227550 19-Feb-78
Head4Col.anim.info        583 19-Feb-78
PlaneZoom.anim        4149816 18-Sep-95
Work:Anims/
```

```
Work:...OriginalLoops, 669
D:[0/0] F:[0/22] B:[0/12430]
Name                        Size Date
BigRiff.wav               641784 30-M
Classic.wav                79880 30-M
DarkLoop.wav              637496 30-M
ElevatingLoop.wav         643332 30-M
FastFlangeLoop.wav        287180 30-M
FilterBleeps.wav         1236604 30-M
FlangeLoop.wav            320364 30-M
FourAcidBars.wav         1281640 30-M
MoodyHook.wav             641316 30-M
MoodyHookMuted.wav        321732 30-M
MoodyHookOpen.wav         640744 30-M
OneAcidBar.wav            321592 30-M
Randomloop.wav           1128224 31-M
Work:Samples/16Bit/OriginalLoops/
```

Everyone needs a file manager, or so it seems. While in theory the more technically-minded should be happy with the Shell, with Workbench being the choice for those who want the easy option, in practice it doesn't always work like that. Quite often neither option has both the immediacy and the power to get the job done quickly and easily. A good file manager makes light work of tasks that would otherwise require lengthy Shell commands, or be awkward or even impossible to do with the Workbench.

Programs such as CLImate and SID pioneered the file manager theme in the Amiga's early days, but it wasn't long before Directory Opus appeared and promptly left them for dust. Ever since, Directory Opus has been a regular fixture on just about every serious Amiga user's hard drive.

All change

When version 5.0 appeared in early 1995 it took a major detour from the established file manager format. Previously file managers consisted of two fixed-position 'listers' and a bank of function buttons. Opus 5 threw the whole thing wide open with windows and button banks that could be moved, resized and configured until the cows came home, even going as far as to herald itself as a complete Workbench replacement.

Breaking away from its familiar format gave it freedom to introduce a range of powerful new features but also had the side effect of alienating some existing Opus fans, since it was no longer as simple to use in its default set up. Since then GP Software have had time to digest the reactions from its worldwide userbase and take Opus on to the next stage.

Gadgets galore

If you never used version 5 you could be forgiven for thinking you'd loaded up the wrong software. In contrast to version 4 and below, 5.5 starts up with a worryingly empty screen. During the installation process you are given countless configuration choices, which include the option to copy all the 'left out' drive icons from your Workbench onto the Opus screen. If you do choose to do so, you end up with a Opus screen that looks and acts remarkably like Workbench itself. Double clicking an icon opens a window, but unlike Workbench, the window takes the form of a lister containing a sorted directory of the drive. An icon strip runs along the top each lister. These icons are used to process any selected files in that lister. The icons include functions for Select All Files, Select By Pattern, New Drawer, Copy, Move, Rename, Move with Rename, Delete, Edit, View, Play and more. Above the icon strip is a MUI-style menu launcher which can be used as an alternative selection method for the icon functions, along with a few more to boot. These are duplicated on the button bank which also houses some of the more advanced functions such as archive extraction and file searches.

Seems familiar

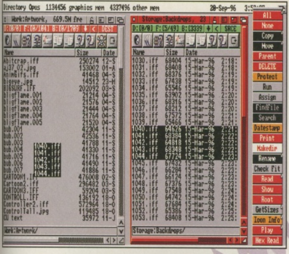
There's a strange familiarity about Opus 5.5 that creeps up on you almost subconsciously. While at first it might seem a bit over complicated and disorganised, before long it all starts to make sense. It takes elements of the Workbench, such as drive icons and the facility to drag and drop files from here to there, alongside the button banks and listers of old.

If you move the pointer to an empty part of the Opus screen and double click on the background, a new lister opens up right there, containing a list of all currently mounted drives and assigns for your selection. The ability to have more than two listers open at once introduces a complication that never occurs on a simple dual-lister file manager. It's no longer a case of one window acting as a source and the other as the destination. Now each lister can be defined as a source or a destination, not *the* source or destination. This is an important point to note, because it means you can have

What's new?

Here's a selection of the new features that have appeared since version 5.0.

- **New Icon Action mode**
- **Built-in FTP lister mode**
- **Borderless button banks**
- **Cybergraphics RTG compatible**
- **Automatic file-type creator**
- **Font viewer**
- **Version field available in listers**
- **New improved clipboard support**
- **Backdrops in listers**
- **Internal CLI window**
- **New internal and ARexx commands**



```
Directory Opus  1134456 graphics mem  4337496 other mem          28-Sep-96   3:5

Work:Artwork,  669.5M fre
D:[0/0] F:[0/104] B:[0/1709]                DEST
Name                   Size   Date
Abitcrap.iff         250274   12-S
aj37_02.jpg          153002   01-A
AnimGifs.iff          41468   04-S
bigeye.jpg            14512   23-M
BIGSURF.IFF          202092   03-S
bligflame.001         21214   04-S
bligflame.002         21576   04-S
bligflame.003         21444   04-S
bligflame.004         21764   04-S
bligflame.005         21520   04-S
bub.001               42304   11-S
bub.002               42536   11-S
bub.003               41788   11-S
bub.004               41330   11-S
bub.005               41716   11-S
bub.006               41490   11-S
bub.007               41886   11-S
CARTOON1.IFF         476008   02-S
Cartoon2.iff         296482   03-S
CARTOON3.IFF          59204   03-S
CONTROLL.IFF         136192   18-O
Controller2.iff      572964   18-O
ControlTall.jpg      119485   18-O
CU text               35972   11-J
Work:Artwork/

Storage:Backdrops,  23
D:[0/0] F:[5/49] B:[3339]                   SRCE
Name        Size   Date
1030.iff   68404   15-Mar-96   2:18:
1031.iff   68408   15-Mar-96   2:18:
1032.iff   68376   15-Mar-96   2:19:
1033.iff   67438   15-Mar-96   2:19:
1034.iff   65546   15-Mar-96   2:19:
1035.iff   63902   15-Mar-96   2:20:
1036.iff   68316   15-Mar-96   2:20:
1037.iff   68212   15-Mar-96   2:20:
1038.iff   67572   15-Mar-96   2:21:
1039.iff   65466   15-Mar-96   2:21:
1040.iff   64626   15-Mar-96   2:21:
1041.iff   68384   15-Mar-96   2:22:
1042.iff   64818   15-Mar-96   2:22:
1043.iff   68348   15-Mar-96   2:22:
1044.iff   67724   15-Mar-96   2:23:
1045.iff   67432   15-Mar-96   2:23:
1046.iff   66284   15-Mar-96   2:23:
1047.iff   66124   15-Mar-96   2:23:
1048.iff   67376   15-Mar-96   2:23:
1049.iff   67548   15-Mar-96   2:24:
1050.iff   64742   15-Mar-96   2:24:
1051.iff   67684   15-Mar-96   2:24:
1052.iff   65386   15-Mar-96   2:25:
1053.iff   68408   15-Mar-96   2:25:
Storage:Backdrops/
```

Internet FTP Module

One of the most useful new features in Opus 5.5 is the FTP module. This allows you to hook up to an FTP site via the Internet (assuming you have a TCP/IP stack up and running) and access it from a normal Opus lister. This makes light work of downloading files. You can even have a number of FTP listers open at the same time, all downloading or uploading specified files at the same time.

multiple sources and multiple destinations. For example, you could select a bunch of files from various drives and copy them all to one or more new locations in a single click of the Copy button.

However, copying files is just the tip of the iceberg. Opus 5.5 is packed full of configuration options, allowing the system to be customised beyond all recognition. Once ARexx is brought into the equation it becomes a highly flexible and powerful tool, capable of adapting to all kinds of specialist jobs. Knocking up automated functions and scripts to be launched from the button bank should present few problems for Shell-heads or anyone with a good understanding of ARexx. The menus are laden with one option after another to let you change this, add that or remove something else.

Twiddly bits

Frankly, if you want something that's going to make your life easier when it comes to simple work-a-day jobs, you'll probably find this all too much to take in. Maybe GP Software could have renamed it when it got to version 5.0 to reflect the many changes and additions. Using Opus 5.5 to simply shovel a few files around is like using a combine harvester to mow the lawn.

My main criticism of the program is that it's not easier to use right from the start. It would be nice if it was simpler to select one of a few basic set-ups and screen layouts before you dive into the menus and start twiddling all the knobs.

For those with the inclination to set up a throbbing multi-faceted file processing system, Opus 5.5 is a godsend. The FTP features are excellent and will probably be the most popular of the new additions. Obviously any seasoned users of version 5.0 won't have the rather steep learning curve to deal with, so in that case it's really a matter of figuring out which of the new features to use. Those with an extremely good memory will recall we rated version 5.0 at a big fat 'go buy it now' kind of 95% mark.

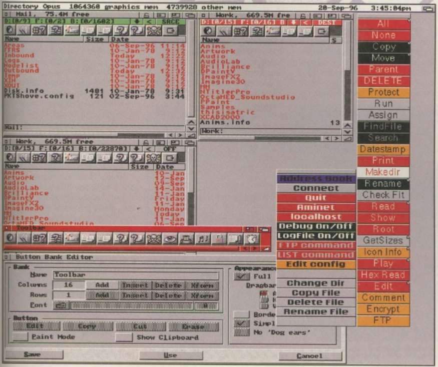
For the sake of continuity we could match that score here, but that would be the easy option. It's not perfect, it won't be to everyone's taste, but in the right hands it's an incredibly powerful tool.

But is it Opus?

This is the big question for many Opus users. Should it ever have been developed to this degree of complexity? On the one hand you can enter commands directly into the Shell if you want 'quick and dirty' control over your files, and if you want simple file shovelling, there's Opus 4 and a handful of other similarly capable file managers available from the public domain. Sometimes it seems the effort required to set-up Opus 5.5 for specific tasks could be better spent writing your own DOS scripts or jacking straight into the Shell. Re-configuring previous versions of Opus was a fairly straight forward affair, but things have a tendency to get rather complicated when you dig into the main power features of Opus 5.5.

Directory Opus 5.5 is without doubt a very powerful system but it's not necessarily going to be what every Opus user wants as an upgrade. ■

Tony Horgan



```
Directory Opus   1064368 graphics mem   4739928 other mem        28-Sep-96    3:45:04pm

Mail,   75.4M free
D:[0/9] F:[0/2] B:[0/1602]                  SRCE
Name                Size  Date
Areas                     06-Sep-96  11:14
FFRS                      10-Jan-78   9:12
Inbound                   Today      12:22
Logs                      10-Jan-78   9:12
Nodelist                  10-Jan-78   9:12
Outbound                  Today      12:32
Temp                      10-Jan-78   9:12
XIN                       10-Jan-78   9:12
XOUT                      10-Jan-78   9:12
Disk.info           1481  10-Jan-78   9:31
PKTShove.config      121  02-Sep-96   3:44
Mail:

Work,   669.5M fre
D:[0/15] F:[0/16] B                         DEST
Name                                  S
Anims
Artwork
Audio
AudioLab
Brilliance
DPaintV
ImageFX2
Imagine30
MM
NTitlerPro
OctaMED_Soundstudio
PPaint
Samples
thisisatric
XCAD2000
Anims.info                            13
Work:

Work,   669.5M free
D:[0/15] F:[0/16] B:[0/22870]               OFF
Name                          Size  Date
Anims                               10-Jan
Artwork                             12-Sep
Audio                               09-Sep
AudioLab                            14-Jan
Brilliance                          11-Jan
DPaintV                             Friday
ImageFX2                            11-Jan
Imagine30                           Monday
MM                                  Today
NTitlerPro                          11-Jan
OctaMED_Soundstudio                 06-Sep
```

Button Bank Editor

Bank
Name: Toolbar
Columns: 16
Rows: 1

Appearance
☑ Full
☐ Borde
☑ Simpl
☐ No 'Dog ears'

☐ Paint Mode
☐ Show Clipboard

DIRECTORY OPUS 5.5

A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

system requirements:
2Mb RAM, hard drive, OS2 or above

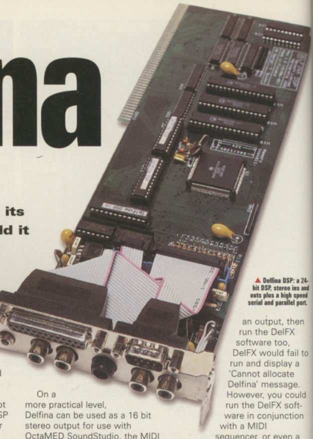
ease of use.......................70%
It's not that easy to use and is the program's weakest aspect but it gets easier.

performance.....................90%
Amazingly versatile and overflowing with features for the more adventurous.

value for money..............80%
Sensibly priced, with a good ring-bound 260 page manual.

OVERALL
Much more than a directory tool.
87%

Delfina



▲ Delfina DSP: a 24-bit DSP, stereo ins and outs plus a high speed serial and parallel port.

■ Price: £400 ■ Developer and Supplier: Petsoff (see box out for contact details)

A new sound card has arrived with its own onboard 24-bit DSP chip. Could it be the ultimate audio upgrade?

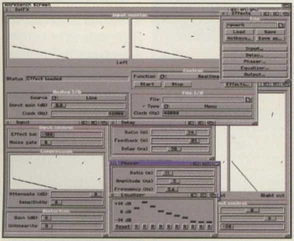
Back in the April 96 issue of CU Amiga Magazine we reviewed the Toccata from MacroSystem, a fairly simple 16-bit stereo record and replay system on a Zorro card, which we rated at 82%. Until now that's been one of the very few available options for those looking to upgrade from the Amiga's 8-bit audio limitations.

Now, from the land that brought you OctaMED (that's Finland by the way) comes a new sound card with better specs than ever.

24-bit DSP

Whereas Toccata could sample and replay 16-bit stereo samples, Delfina goes one better by adding a DSP chip to the equation. The star of the show is the Motorola digital signal processor which sits bang in the middle of the card, happily processing a continuous stream of stereo sound with 24-bit bandwidth in realtime. It would seem that the main aim of Delfina is to act as a realtime effects processor, but that's not all it can do. Aside from the DSP functions, the AD/DA convertor can be used to sample and replay 16-bit stereo sound.

Although there's no sampling software as such, the output of the effects processing software can be routed to a file, which will result in a sample. Likewise the input can be switched to a file in order to replay a sample.



Status: Effect loaded
Function: Realtime
File: reverb
Source: Line
Input gain (dB): 0.0
Clock (Hz): 48000
File:
Type: Mono
Clock (Hz): 48000
Effect bal: -100
Noise gate: 0
Attenuate (dB): 0
Sensitivity: 0
Gain (dB): 0
Unlinearity: 0
Ratio (%): 24
Feedback (%): 81
Delay (ms): 98
Ratio (%): 11
Amplitude (ms): 5
Frequency (Hz): 5.6
0
0
-50

▲ Each part of the Delfina realtime effects software can be controlled from a number of sliders and buttons. You can save out as many of your own customised effects settings as you like for future use.

On a more practical level, Delfina can be used as a 16 bit stereo output for use with OctaMED SoundStudio, the MIDI sequencer Dominator (a non-MIDI version of which comes with Delfina) and as an output for any other audio software which supports the relatively new AHI retargetable audio system.

Two pairs of stereo RCA phono sockets are mounted on the back plate for line level input and output. There's also a 1/4 inch jack socket which can be switched between line and mic level input, plus stereo mini jack socket for headphones output. An additional plate can be attached to the card which offers alternative parallel and serial ports. There's currently no driver available for the parallel port, although this is under development and should be released soon.

A driver for the serial port is supplied, enabling you to use this instead of the Amiga's slow built-in serial port, allowing faster access times from serial devices, particularly modems.

Practical uses

Unfortunately you can't control Delfina from two applications at once, so if you tried to run SoundStudio with Delfina as an output, then run the DelFX software too, DelFX would fail to run and display a 'Cannot allocate Delfina' message. However, you could run the DelFX software in conjunction with a MIDI sequencer, or even a tracker using standard Amiga samples and feed any or all of those sounds through the Delfina effects. Because the effects processing is carried out by the DSP rather than the Amiga's CPU, this should be quite feasible even on the slowest Amigas.

Using the direct to disk recording options of SoundStudio, you could also use Delfina to add effects to previously recorded loops from hard drive, which could then be used to build up a new module.

This would have the advantage of allowing you to process specific parts independently, and also the resulting module would use fewer tracks, which would mean you could probably use the 'smoothing' option in realtime to remove the bulk of the mixing noise (see the SoundStudio review in the September 96 issue of CU Amiga Magazine for more details).

Sampling

This is the first sampler or sound card I've seen that doesn't come with some kind of sampling and sample editing software. Petsoff

Delfina FX

The Delfina hardware comes complete with its own realtime effects software. This is a very neat little MUI application that gives you access to five main types of effects, plus a noise gate and a dry/wet balance control to adjust the relative amount of the original and the affected sound. Each effect has its own collection of windows containing the relevant sliders and controls. A selection of effects settings are supplied with the software, including example set-ups for echo, chorus, distortion and flange effects. You're free to save out your own settings too, which for example could be especially handy for storing time-critical delays for use with specific projects.

Although the effects work in stereo, in that both left and right channels are processed and passed to the left and right outputs, you don't get independent processing for each channel, nor is there any cross talk between the channels, so what you get is a dual monophonic output from the effects chain, which is then mixed with the true stereo sound coming from the pass-through. That means you can't use the effects to add stereo movement and ping-pong effects to either a stereo or a mono sound source, which is a little disappointing. Maybe this will be addressed in future revisions of the DelFX software.

The effect types available are compression, distortion, delay, phaser and equaliser. The signal is passed through any or all of these in that order, with the noise gate sitting at the front of the chain. Let's take a closer look at how they all work.

Noise gate. This mutes the input of the card when there's no incoming sound or when the incoming volume level is below a specified figure. This is designed to stop interference being picked up and passed through the effects chain during silent parts of the incoming signal.

Compression. Although the documents call this effect compression it's really limitation. It prevents the 'clipping' distortion that would occur if the input was too loud. It does this by scaling down the sound wave before it's passed onto the rest of the effects. Full compression also does the opposite, scaling up quiet parts of the sound to fit the available headroom, but this is not available here.

Distortion. Designed to add grit and fuzz to sounds, the distortion effect reverses the good work of compressor by amplifying the sound to clipping point. It also uses an unlinear amplifier, which is a more complex type of amplification that injects more character into the effect.

Delay. This is where most of the work is done on reverb and echo effects. The time between the echoes can be altered from very slight (for Robocop speech) to very long. There's also a feedback slider which controls how much of the echo is passed back through the delay.

Phaser. By merging two copies of the same sound, offset from one another at constantly varying degrees, the phaser can create a wide range of effects from subtle 'whooshing' movements to fat choruses to sub-aqua wibbles.

This is the most entertaining of all the effects when you're just messing around and has seemingly endless possibilities available from its sliders.

Equaliser. Featuring ten frequency bands ranging from 34Hz to 17415Hz, the graphic equaliser is a very useful addition. The sound can be given up to 14dB of cut or boost in any or all of the frequency bands. It works just like a normal graphic equaliser but can be more precise than analogue versions.

How to order

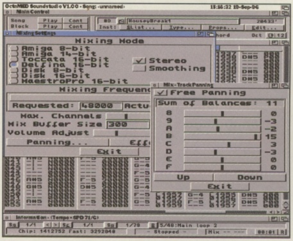
At the time of going to press there is no UK distributor confirmed for Delfina, although it looks likely that Blittersoft (tel: 01908 261 477) will be supplying it. For the moment you can order it direct from Petsoff in Finland at the following address:

Petsoff Limited Partnership
PO Box 1009
FIN-53301 LRP
Finland

For more information you can Email them at petsoff@sci.fi or fax them on 00 358 5 452 3347 or 00 358 5 451 5223. Visa, Mastercard and Eurocard are accepted and there's a special discounted price for developers.

could have put more time into developing software specifically for the card but I would imagine their main priority at this stage was actually getting the hardware into production and on sale. Even so, it seems a strange omission. As it is, the only way to take samples with the card is by selecting a file as the output path on the DelFX software. To trim and process the sample you then need to load it into a separate 16-bit sample editor that supports Delfina output. It's hardly the complete solution for 16-bit audio is it? Presumably a proper sample editor will be made available before too long. Some hard disk recording and editing features would be good too.

Aside from these omissions, the card is fairly well supported on the software side considering it's such a new product. If any of the uses suggested here seem to match your requirements then you're sorted.


OctaMED Soundstudio V1.00 - Song: ‹unnamed›   15:16:32 10-Sep-96

Main Control

Song Play Cont
Block Play Cont
#D HouseyBreak1 28433'
Inst: SList... Type... Props... Edit...

Mixing Settings

Mixing Mode
○ Amiga 8-bit
○ Amiga 14-bit
○ Toccata 16-bit
● Delfina 16-bit
○ Disk 8-bit
○ Disk 16-bit
○ MaestroPro 16-bit
☑ Stereo
☐ Smoothing

Mixing Frequenc
Requested: 48000 Actu
Max. Channels
Mix Buffer Size 300
Volume Adjust
Panning... Eff
Exit

Mix-TrackPanning

☑ Free Panning
Sum of Balances: 11
8 0
9 -3
A -2
B 15
C 3
D -3
E 0
F 0
Up Down
Exit

Information - (Tempo - SPD 71/6)

Sg 1/1 Sc 1/1 Sg 1/78 B 5/48:Main loop 2
Chip: 1412752 Fast: 3292048 - Stopped - Mix -- --- 00:01 R

▲ Delfina can be used as a 16-bit stereo output with OctaMED SoundStudio, although unfortunately the DSP features of the card are not used. A Delfina compatible version of AudioLab 16 has just been released too.

Conclusion

While Delfina is possible of producing impressive displays of audio trickery with the currently available software, I can't help feeling than it's got a lot more potential that is on actually show at the moment. With the right software it could do a lot more. How about multi-track hard disk recording with realtime 24-bit effects? Or maybe you fancy running a multi-channel SoundStudio module out in 16-bit stereo with selected parts sent to your own tailor made effects via the DSP, in realtime of course? However, before we get carried away with wishes for the future, it's worth remembering what it can do now, which is quite a lot (not forgetting the parallel and serial ports).

Priced at £400, Delfina comes in at £100 more than its nearest rival Toccata, but while Toccata has already been taken to its limits by the likes of SoundStudio, Delfina still has plenty of potential left in it thanks to the DSP.

As it stands the Delfina will certainly be the answer to many a musician's dream, but it's not yet the perfect answer to everyone's audio ambitions. However, with a killer application or two it could really start to shift in large numbers and break into the mainstream. We'll see what happens. ■

Tony Horgan

Delfina

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Any Amiga with Zorro slots, hard drive and OS2 or above.

ease of use....................91%
User-friendly MUI interface makes the effects program very attractive.

performance....................85%
So far so good, but needs more advanced software to unlock its potential.

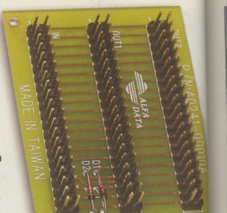
value for money............80%
It's not cheap by any stretch of the imagination.

OVERALL
Great hardware, but needs better software.
84%

Alfa Quatro

■ Price: £59 ■ Developer: Alfa Data
■ Supplier: Golden Image UK ✆ 0181 900 9291

Looking to expand your storage options? Need a CD, more than one hard drive and your PCMCIA slot free? How about a four-way IDE interface ...



The beauty of having an IDE interface as standard on your A1200 or A4000 is that you can stoke up your machine with the cheapest CD-ROM and hard drives available. Things can get a bit tricky with an A1200 when it comes to power supplies and the practicalities of actually fitting these drives but it's possible and it's cheap. However, you're normally limited to just two devices running from the IDE interface, which for many situations is just not sufficient. The Alfa Quatro brushes this limitation aside, allowing the connection of up to four IDE drives from the one interface.

This version of the Alfa Quatro (currently the only one available) has been designed primarily for use with the A4000, although with a little enterprise it can be used with the A1200 too, and with the A500 and A500+ if an Alfapower hard drive is present. Once you've paid your £59 and opened the box you might be a little disappointed at what looks like very little for your money: three IDE cables, three IDE connectors mounted on a small piece of circuit board, an installation disk and a few instruction notes. Nevertheless, remind yourself of how much you might pay an alternative SCSI expansion system, including a SCSI interface and the more expensive drives.

Do it yourself

Reflecting the many different types of Amiga in use today and the adventurous DIY approach of many users, the Alfa Quatro system makes few assumptions about your system. This has good and bad sides. You're only supplied with and charged for the minimum parts required to do the job, the flipside of which is that in some cases you'll need to make extra purchases and modifications to fit your machine. The installation software is a fully registered version of IDE Fix, an excellent and highly configurable IDE hard drive and CD-ROM file system package.

Setting it up on an A4000 is a simple matter. The shorter of the three IDE cables plugs into the IDE connector on the motherboard,

Buy DIRECT at TRADE PRICES! *Only from* **Marpet DEVELOPMENTS**

Leading ***British Manufacturers*** of RAM expansions to all major distributors and dealers are having a
STOCK CLEARANCE of A500, A500+ & A600 RAM Boards at **RIDICULOUSLY LOW PRICES!**

MEMORY EXPANSIONS

A500 512k w/o clock	- **£11.95**	A600 1Mb w/o clock	- **£16.95**
A500 512k with clock	- **£16.95**	A600 1Mb with clock	- **£24.95**
A500 Plus 1Mb	- **£15.95**	3.5" External Floppy	- **£39.95**

CD32 S-PORT Network your CD32 and Amiga! Gives you CD32 a keyboard and gives your Amiga a CD -ROM. Simple set-up, fastest Sernet yet for **only £24.95** (comes complete with serial cable and Network CD2 software

COMBINATION OFFER! Buy any Ram board and get a 3.5" Floppy Drive for ***only £36.95!***

FREE GIFT! Call to find out more

Other products available - 4x CD Roms, Hard drives, 030 Accelerator etc...All at *competitive prices*

A1200 Ram Accelerato
NOW AVAILABLE AT EVEN LOWER PRICE

Runs at upto **2.95 MIPS** - Uses standard 72-pin simm - Zero Wait State - Optional Floating Point Unit - Real Time Battery Backed Clock PCMCIA Compatible (upto 4 Mb)
0Mb - £44.95
4Mb - £74.95
8Mb - £94.95
33Mhz FPU - £38.99

COMBINATION OFFE Buy an *FPU* with a *RA* board for only **£34.9**

Internal Real Time Clock now only £8.9

030, 040 & 060's Also Available - POA

STOCK CLEARANCE / STOCK CLEARANCE

PAYMENT : Simply call with your ACCESS / VISA / SWITCH or send Cheques /P.O.'s made out to :

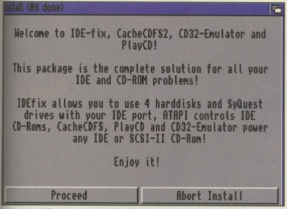
Marpet Developments, 57 & 58
Glasshouses Mill, Glasshouses,
Harrogate N.Yorkshire HG3 5QH

DELIVERY : Costs jus £2.50 (including VAT) fo insured delivery!

Made in UK!

TEL: (01423) 712600
FAX: (01423) 712601
All items subject to availability & change without notice E&OE

3 YEAR warranty



Install (0% done)

Welcome to IDE-fix, CacheCDFS2, CD32-Emulator and PlayCD!

This package is the complete solution for all your IDE and CD-ROM problems!

IDEfix allows you to use 4 harddisks and SyQuest drives with your IDE port, ATAPI controls IDE CD-Roms, CacheCDFS, PlayCD and CD32-Emulator power any IDE or SCSI-II CD-Rom!

Enjoy it!

▲It's true, the IDE Fix software is a clever thing, giving you access to four IDE drives with the Alfa Quatro.

with the other end plugged into the supplied three-way IDE 'break-out' card. The two longer cables are then attached to the remaining connectors on the card. Each of these two cables can be plugged into two IDE devices. Probably the most awkward part of the physical installation regards the setting of jumpers on the drives (master/slave etc). If you've got an old drive with no jumper diagram this could take a bit of fiddling around before everything works in harmony, although newer drives tend to be more clearly labelled.

The software installation is a breeze. Whether you pick the expert or novice option, the stages are explained in plain terms which makes it easy to configure everything precisely to your system. The software you get is the full IDE Fix system, not a disabled or time-limited version. With a simple addition to your startup-sequence you'll be up and running in no time.

Complications

While this isn't sold as a complete four-way IDE solution for A1200 users, it's still possible to use it at least as a three-way interface. For some reason the A1200 doesn't seem to like working with four devices from the Alfa Quatro, but three get along fine together. If you intend using this with an A1200 you'll need to specify this when you order, as a 2.5 inch to 3.5 inch cable is required to connect to the A1200's smaller IDE interface. The cables can be passed out through the blank expansion port at the back of the computer by the floppy drive. The next hurdle will be powering your external drives (external meaning outside the case of your Amiga) – you could use bare internal drives so long as you can power them. Golden Image can supply boxes with power supplies for your drives. In our tests with the A1200 we used externally-placed internal drives powered from a MicroniK external power supply, which now seems to be very hard to get hold of. Golden Image also offer a powered PC tower casing option for extra drives.

Conclusion

This is just the kind of little widget that has kept the Amiga a viable platform for many users, and it's bound to solve many people's storage and CD problems in a single hit. If you're reaching the limits of your current storage capacity but don't fancy ditching your drives for totally new ones, this is the perfect solution. You get to keep what you've got and then chain on extra drives in addition. A1200 users can have two hard drives and a CD-ROM and still keep the PCMCIA port free for any other peripherals, like video grabbers, samplers and so on. If you don't mind a bit of jiggery pokery with cables and drives, this is very highly recommended. ■

Tony Horgan

Alfa Quatro

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Any Amiga with IDE interface.

ease of use.......................80%
The cables can get messy but the software is excellent

performance.....................89%
Worked fine first time in all of our tests value for money

value for money..............86%
It's well worth it for the access it allows to cheap IDE drives.

OVERALL
An ingenius expansion for CD-ROM and hard drives.
88%

sadeness

tel: (01263) 722169

13 Russell Terrace, Mundesley,
Norfolk NR11 8LJ
9.30 - 6.00 Monday to Friday,
10.00 - 1.00 Saturdays
You can either phone your order, email, cheque or postal order.
rich@sadeness.demon.co.uk
http://www.sadeness.demon.co.uk/

Adult Sensation 2 or 3D (18)	£17.99
Amiga Developer v1.1	£13.99
Aminet 12 or 13	£11.49
Aminet Box Set 1, 2 or 3	£32.99
Anime Babes	£17.99
C64 Games CD	£27.99
CDPD 1, 2 or 3	£4.99
Epic Encyclopedia (Out NOW)	£27.99
Euroscene 2	£8.99
Grolier Encyclopedia	£22.99
Hottest 6	£14.99
Magic Publisher	£44.99
Mods Anthology	£27.99
Oh Yes More Worms	£7.99
PD Soft Utilities 2 (2CD)	£16.99
Scene Storm	£13.99
Speccy 96	£16.99
Special Effects Vol 1	£24.99
The Demo Collection 1 or 2	£4.99
Video Creator	£9.99
World Info 95	£18.99

CD 'X'
Pre-Order Price
£25.99

Aliens and UFOs – This CD will be one of the best resources for anybody even remotely interested in Alien Life Forms, Unidentified Flying Objects, Alien abduction cases and Close Encounters etc. With hundreds of informative and interesting text files, a comprehensive UFO image gallery, some of the very best Web Sites, masses of quality animations and sound samples and more, this is a real multimedia experience.

Government Cover-ups and Conspiracies, did you ever think that there were things that your government wasn't telling you?? Well, there is! Some of the most top-secret documents, pictures and files are here for you to see. Majic 12 UFO group documents, 'authentic' military UFO photos, and much more – like some of the most interesting theories on the JFK assassination.

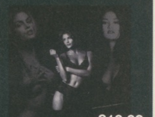
Murderers and Serial Killers, we have collected information about some of history's most evil people – from Adolf Hitler to Jack the Ripper. Read all about their most unbelievable and gruesome crimes.

The LATEST EBE reports! Including detailed SETI information. Also, the very latest updates on the amazing news of fossilised Life signs found on a meteorite from Mars by NASA!

Science Fiction Art. On this CD, there are details about the World's greatest Science Fiction artists! For example, we have created a special exclusive H.R. Giger (well known for his work on Alien) gallery!

And loads more, such as disasters, witchcraft, voodoo, cult, crop circles, assassinations. space, time travel, bigfoot, worm holes etc etc.

'Women of The Web' is an all new CD ROM which is compatible with any AGA Amiga. Apple Mac or PC. It contains over 500 meg of images, sound files, movie clips, anims and text related info for over 200 female celebrities displayed in superb HTML documents which can be viewed using any WEB browser, ie, AWEB, Ibrowse, Voyager, Netscape etc.



Pre-Order Price £19.99

Beware...Punishment is coming. September, Friday 13th
CAPITAL PUNISHMENT
£24.99

Alien Breed 3D 2 The Killing Grounds

Unique features of The Killing Grounds are...

Lightsourced environment. When you fire weapons or shine a torch, the walls, ceilings & amp; floors in the vicinity are lit by the moving projectile or light.

Full game development kit giving you the ability to design and add new levels and alien graphics, sounds, weapons and alien intelligences. With this kit you can, to all intents and purposes, make a totally different game.

Overlayed 'holographic' auto-mapping facility.

Fully 3D rendered aliens and robots with realistic real-time lightsourcing.

Lightsourced 3D polygon weapons.

Lighting and alien weapon discharges create realistic glows.

Aliens have difficulty seeing you when you are in shadows unless they have torches!

As yet unrivalled water reflection/refractions effects.

£24.99

£15.99

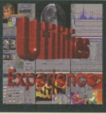
AGA
Experience

AGA Experience Vol 2
'The New Batch'

Order the AGA Experience Vol 2 NOW while stocks last. If you haven't purchased it yet, what are you waiting for? It received some good review scores and is still one of the most up-to-date CDs to date.

94% – AUI, 89% – CU, 82% – AF
90% – Amiga Computing

£10.99



The Utilities Experience

The Utilities Experience has been an underrated CD in the eye of the Public. Look at its review scores to see just how good it really is.

95% – AUI
93% – Amiga Computing
90% – CU Amiga

Battle of the

IBrowse Vs AWeb-II

Miami came out tops over TermiteTCP in last's months TCP/IP stacks head-to-head. Now we decide which WWW browser is the best match for it.

AWeb-II

- **Price: £39.95**
- **Developer: Amitrix**
- **Supplier: Blittersoft**
- **✆ 01908 261 466**
- **Email: bsoft@wildnet.co.uk**

AWeb was born at a time when the only available browsers were AMosaic and an early demo version of IBrowse. Both of these suffered unexplained crashes to the point of infamy. The source of these breakdowns was generally perceived as being MUI's (Magic User Interface) fault as much as the browsers themselves as the the earlier versions of MUI considerably slowed down the performance of AMosaic especially on unaccelerated machines. As a result of this a Dutch programmer called Yvon Rozijn created AWeb, designing it to be the Amiga's first graphical MUI-less browser (incidentally, if you're not after graphics then you could try ALynx, which doesn't use MUI either).

AWeb has now been developed through several generations and was originally a shareware product but AmiTrix have recently released the latest version called AWeb-II in a bundle containing the browser and some support software.

Compared to MUI browsers, AWeb's GUI (Graphic User Interface, or front end) looks extremely basic and that criticism also includes the navigation buttons for forwards, backwards and reload etc. Fortunately support for custom images on the navigation buttons is included so you can ditch the standard ones and either save your own versions if you prefer or try some of the additional text or coloured buttons supplied with the pack.

AWeb uses the Amiga's datatypes to decode in-line images, similar to other Amiga browsers. This means the pictures must be totally downloaded before they are decoded and displayed. It also means that an AWeb user will have to ensure he/she is well up to date with the latest GIF and JPEG datatypes. Also AWeb takes the unusual approach of caching the raw image data after the GIFs/JPEGs have been decoded. The advantage of this is that navigating through previously downloaded pages is lightning fast, the disadvantage is that it takes up a lot of disk space.

One at a time

Unfortunately AWeb doesn't let the datatypes decode all images at the same time. It does each one separately which means the

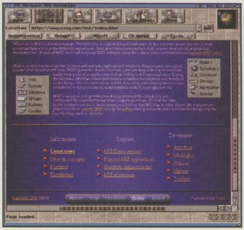
* * *

IBrowse 1.0

- **Price: £29.95**
- **Developer: Omnipresence**
- **Supplier: HiSoft**
- **✆ 01525 718181**
- **Email:sales@hisoft.co.uk**

IBrowse has had an interesting evolution. Its authors, Omnipresence, (there are seven of them) conspired in the past to port NSCA's Mosaic to the Amiga, the first professional web browser available for Amiga. Unfortunately it rapidly attained notoriety for its crash prone nature. IBrowse is the Omnipresence group's progression from Mosaic and it was built from the outset as an Amiga only browser as opposed to a port.

There have been beta demo versions of IBrowse available on the Net for some time now, as development has progressed. All of these have been time-limited so it was only possible to test them for a short period. But now, at last, IBrowse 1.0 has been released and is being distributed in the UK by HiSoft. And you'll be interested to know that it's the most advanced browser available on the Amiga at this time. Like Mosaic, the betas of IBrowse also had problems with stability, but these problems seem to have been ironed to a degree. I say 'to a degree', because it's by no means as rock solid as AWeb – I still discovered some random trashing of memory (enforcer hits) and gurus on trying to decode corrupt GIFs (though GIFs shouldn't be corrupt in the first place!) with the internal decoder. It also often crashes on exiting the package while cleaning up its on-disk cache. The authors know about the latter problem and it should be fixed by the time you read this review. However, it's annoying that after all this time there are still blips to be sorted out.

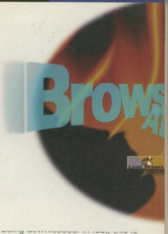


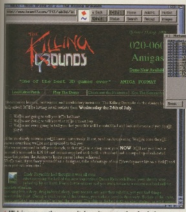
▲ Omnipresence have working a long time to perfect IBrowse. Although a superb program there are still some glitches to be ironed out.

Decoders

Unlike every other Amiga browser, IBrowse doesn't use datatypes as standard, though it has the option if it's desired. Instead it has its own GIF and JPEG decoders built-in. What's the point of this? You might well ask and the answer is that once IBrowse has downloaded the actual HTML document, it looks at the IMG height and width tags (see Wired World HTML tutorials)

Browsers





"One of the best 3D games ever" AMIGA FORMAT

Wednesday the 24th of July.

▲ AWeb is easy on the eye as it doesn't constantly refresh the screen when an image is downloading.

palettes of the images are nowhere near as good as you would expect from, say, Voyager. However, AWeb now lays out the page according the image height and width tags which means the page doesn't need to refresh as each image is loaded. Part of the reason the one-at-a-time practice of image decoding may be because it allows AWeb the luxury of not having to refresh the entire display all the time. This is smoother and much easier on the eye than Voyager's constant annoying refreshes. Originally AWeb's talents at rendering Web pages left something to be desired. Now with AWeb 2.1, things are much better because of vast improvements in the justification/ alignment of images and text. Support for 'tables' has also been added which is a powerful HTML feature increasingly used on the Web. Unfortunately though there's still no proper 'frames' support. Instead AWeb displays links at the top of the pages you can view each individual frame separately.

FTP support isn't built in either but is provided as an add-on in the package in the form of the PD FTP Mount. However, AWeb has another PD utility to save out WWW pages as text which works adequately but I'd be happier if these were built into the browser. Unfortunately, it's necessary to set up a few of the external programs for Mail-To: operation, text editing, HTML source viewing etc, as the defaults will rarely be of use. AWeb needs many of those functions included internally as standard.

Nice stats

The speed AWeb retrieves pages at is very good and it's adept at opening multiple connections to a web site to download in-line images in parallel, making the best use of available bandwidth.

Another nice touch is a network statistics window which, being downloaded. In fact, this is the best progress display I've seen on any browser – watching it keeps you happily entertained and amused during the downloading phase.

The preferences aspect of AWeb is handled better than the previous versions too, with separate pages being divided into browser, program, network and ClassAct settings. The latter is the GUI system AWeb uses which can be loosely described as a poor man's MUI. Unlike MUI browsers, AWeb can be told to open on its own screen very quickly from inside the settings. Options such as the on-disk cache, proxies and other technical whiz bits are also easily set up.

Cache flushing is easy to reach via a menu of its own, as is

Continued overleaf ▶▶▶

and places a box frame where the pictures should be. AWeb does the same. This is before the pictures are loaded so the layout is identical to the end product minus the pictures.

This makes for very easy reading with no text rewrapping in the middle of picture downloading. The boxes are filled in by the pictures 'progressively' as they are downloaded. If you're lucky enough to be viewing a site with special interlaces or progressively saved GIFs/JPEGs then the pictures will actually resolve from a very low resolution progressively (and quickly) to a higher resolution until finally they are finished loading. However, one of the major reasons this system was invented in the first place was to avoid unnecessary screen refreshes as the display is altered to fit the pictures. IBrowse totally misses this point and refreshes the screen annoyingly anyway. After AWeb's clarity this becomes tiring.

Tables support

Like AWeb IBrowse supports tables though sadly not frames. Tables are a nice feature of HTML which allows text to be laid out in columns boxed out in the display. It makes for superb page design and browsers which can't support tables have a serious problem as they cannot display many fancy commercial sites.

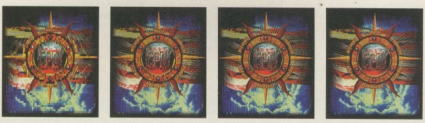
Frames support still doesn't exist but as with AWeb small links are made to display the contents of each of the frames in turn. The IBrowse authors have informed me that frames support is indeed coming and it would be relatively easy to implement under the MUI system. What's more, Usenet news reading would be implemented at the same time so that the separate frames could control the news reader in the same way as the PC's Netscape does.

IBrowse is not only a MUI application, it's an incredibly advanced MUI application and it comes as standard with MUI 3.5 bundled. This version has actually been created based on collaboration between Omnipresence and MUI's author.

The navigation buttons can be the image type, or text and can

Continued overleaf ▶▶▶

Coming into focus



One of IBrowse's great features is its capability to load images progressively. This means that as they download they are shown in ever increasing resolution. This far more pleasing to the eye than staring at a blank screen until the image is fully loaded.

images automatically to loading manually which many people prefer to enable fast navigation around the Net.

AWeb has good bookmark support which adds links from your favourite pages to a special hotlists page for fast renavigation to favourite sites. It also has a very handy option which brings up a list of most of the common Web searchers and allows you to execute a search without bothering to go to the sites themselves.

Amiga friendly

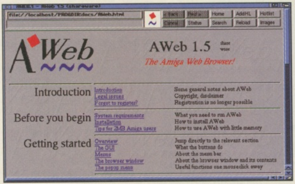
A major advantage of AWeb is that since AWeb doesn't use MUI it can be light on memory resources. When used with AmiTCP (Miami is an MUI application), it would allow a basic 2Mb machine to get on-line without too much difficulty. However, it's going to be slow and not very colourful as greater colour depths will require more than 2Mb.

Surprisingly, AWeb actually incorporates a print function that performs a graphical dump of the page currently being displayed. To my knowledge this is the only Amiga browser to do this and it's a most welcome addition. There's even an option to turn off printing of any background images to make the text much easier to read.

Unlike IBrowse, AWeb chooses to sport its documentation on disk in the form of HTML pages which can always be accessed by pressing the Help key. The quality of the documentation is superb with a main index and several cross-referenced links. I would have liked to have seen some in-line images showing the various aspects in play within the document but such as it is, there's little to fault the superb on-line help.

The AWeb-II package comes with a variety of utilities but virtually all of them are really to add a function which really should have been included in the browser initially. Only the HTML Heaven WWW helper package is notable, as this is a quality package and a welcome addition if you're looking to make your own pages. AWeb is a stable and efficient WWW browser which the Amiga has been in need of for some time. Highly recommended. ■

Mat Bettinson



Introduction	Introduction	Some general notes about AWeb
	Legal issues	Copyright, disclaimer
	Forgot to register?	Registration is no longer possible
Before you begin	System requirements	What you need to run AWeb
	Installation	How to install AWeb
	Tips for 2MB Amiga users	How to use AWeb with little memory
Getting started	Overview	Jump directly to the relevant section
	The GUI	What the buttons do
	Menus	About the menu bar
	The browser window	About the browser window and its contents
	The popup menu	Useful functions one mouseclick away

▲ One of the main features of AWeb is that it doesn't use MUI. This means that a basic 2Mb machine can easily get on line with it.

AMIGA SUPERSTAR

A-Web II

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
A Internet connection and a TCP/IP stack. 2Mb of free memory. Kickstart 3.0 and GIF/Jpeg datatypes.

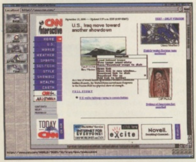
ease of use..........................86%
Installation is easy though post configuration is a tad annoying.

performance..........................91%
Fast and efficient to and it also sports very powerful features just to make it easier to use.

value for money..........................88%
Excellent value for a quality product. Good price, good performance.

OVERALL
A masterpiece of Amiga Internet engineering.
91%

••



▲ IBrowse is a great browser. However, its use of MUI makes it impossible to use on Amigas with 2Mb.

even be relocated to the side of the page by simply dragging the entire button bank! This is a superb feature as screens are always wider than web pages so no vertical space is wasted on navigation buttons. Once I had made use of this feature and moved the buttons to the side of the screen, I wondered how I got along without it before.

Email and FTP facilities are built in to IBrowse. If they're set up correctly (which is quick and easy) in the lovely MUI preferences pages then they can be forgotten about from then on. No need to write a script to drive your own Email client. IBrowse even has a built in cache-browser like the freeware Voyager but it's activated from within IBrowse. Here you can scan back though all the previously download pages and pictures, select view and copy them to use elsewhere.

Features

IBrowse supports Client Side Image Maps though sadly only the RECT shape. Again see the Wired World tutorial on this subject last month. I was told the authors would 'look into' implementing full CSIM support soon. It also supports AnimGIFs and again is the only browser to do so. This facility is another major feature which has increasing support in WWW land so that without this facility much will be missed from modern web sites. See the Wired World tutorial this month on AnimGIFs for more.

There's another nice IBrowse feature in a magic menu-like behaviour when using the right mouse button with the mouse inside the HTML page. You could selectively load the image in (if loading of images wasn't set on automatic). It could be copied elsewhere. If it was a link, a link may be added hotlink added via Browse's superb hot-link manager. It's even possible to select the link and launch a new IBrowse window at the link while the original page stays where it is. This is truly gorgeous!

Memory usage

IBrowse is one hell of a browser. However it's heavy dependence on MUI makes it impossible to run in 2Mb of memory. One aspect of MUI which is often overlooked by the memory conscious is that once the core libraries are loaded, they are shared by the various MUI clients. Using an Internet set-up based on MUI applications such as IBrowse, YAM, AmFTP, AmIRC and Miami would actually be more efficient than running Gadtools based programs.

In operation IBrowse is staggeringly fast at presenting what's happening right away and image decoding with its highly optimised progressive decoders. At the moment, the Web on an Amiga looks best on IBrowse. Frames and Java script are promised in forthcoming releases of the package where others scrabble for the features IBrowse already has. If the authors can add those features and fix the last niggly stability problems then this will be the ultimate Amiga browser. As it is it's close enough to come highly recommended at any rate. ■

Mat Bettinson

IBrowse 1.0

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
A Internet connection and a TCP/IP stack. 3Mb of free memory. 3.5MB of HD space. Kickstart 3.0.

ease of use..........................90%
Installation is easy and IBrowse has lots of useful functions built-in.

performance..........................89%
IBrowse is currently the most advanced Amiga WWW browser though it could be more stable.

value for money..........................93%
£30 for a browser of this quality complete with a printed manual is a total bargain.

OVERALL
Superb browser. Shows what an Amiga is capable of.
88%

MAXELL DISKS AT BULK PRICES

GREY-TRONICS LTD

LOWEST PRICES

BEST SERVICE

RAPID DELIVERY

SALES FREE CALL 0500 737 800

OTHER ENQUIRIES 0181 686 9973 / 0181 781 1551

3.5" DISKS

100% CERTIFIED ERROR FREE DISKS & LOCKABLE BOXES

	MAXELL DS/DD	DS/HD		
10 3.5" Disks	£4.75	£5.99	+ 10 see through box	Add £1.00
30 3.5" Disks	£10.99	£9.99	+ 100 cap lockable box	Add £4.00
50 3.5" Disks	£16.99	£17.99	+ 100 cap lockable box	Add £4.00
100 3.5" Disks	£28.99	£28.99	+ 100 cap lockable box	Add £4.00
150 3.5" Disks	£39.99	£41.99	+ 2 x 100 lockable box	Add £8.00
200 3.5" Disks	£51.99	£51.99	+ 2 x 100 lockable box	Add £8.00
500 3.5" Disks	£123.99	£126.99	+ 5 x 100 lockable box	Add £17.50
1000 3.5" Disks	£239.99	£239.99	+ 10 x 100 lockable box	Add £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

MAGIC PACK INCLUDES

- Amiga A1200 Computer - 2Mb RAM
- 3.5" Floppy Disk Drive Built-in
- Wordsworth v4 SE - Word Processor
- Digita Datastore v1.1 - Database
- Digita Organiser c1.1 - Personal Organiser
- Turbo Calc v3.6 - Spreadsheet
- Personal Paint v6.4 - Paint Package
- Photogenics v1.2 - Pixel Editing
- Whizz - 3D Platform Game
- Pinball Mania - Pinball Arcade Game

STANDARD PACK 2Mb - NO HD	170Mb HARD DRIVE PACK
£369.99 Inc. VAT	£469.99 Inc. VAT

STARTER PACK: Top quality Joystick, A1200 dust cover, Deluxe mouse mat, disk head cleaner, 10 disks ONLY £18.00

NEW A1200 SURFER PACK
Inc. 260Mb Hard Drive + 14400 Ext. Modem Comes with Magic Pack software but pre-installed on HD,
SHOULD BE BACKED BY USER AS NO ORIGINALS ARE SUPPLIED
£545

Optional Extra...
CHAOS SOFTWARE PACK

ONLY £12
When Purchased with A1200
As long as stocks last

Includes 4 EXCELLENT Titles:

CHAOS ENGINE - AGA	£25.99
SYNDICATE	£34.99
PINBALL FANTASIES - AGA	£29.99
NICK FALDO'S GOLF - AGA	£34.99
CHAOS PACK (Combined original RRPs)	£125.96

ACCESSORIES

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga (Parnet/Null modem)	£10.99
Modulator overhang lead 23M/23F	£11.99
Joystick Splitters	£5.99
Automatic Mouse/Joystick Cable	£13.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

DUST COVERS

Amiga 1200/500/500P/600	£4.00
Microvitek/Philips Monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

ACCESSORIES

Amiga Disk Drives Free Direct Opus 4.12	£39.99
Amiga Mouse (Top Quality)	£11.50
Internal Drives A500/A500+/A600/A1200	£34,£44.00
TV Modulator (2 yrs warranty)	£34.00
Deluxe Mouse Mat	£1.99
1000 Labels	£8.99
3.5" Disk Head Cleaner	£1.99
Python 1M Joystick	£8.75
CD32 to Amiga 1200 inc. software	£29.99
Competition Pro Pad	£15.99
Keyboard for CD32 (Require SSXI)	£37.99

ADD £2 FOR DELIVERY

HARD DRIVES

INTERNAL 2.5" + CABLE + SOFTWARE

80Mb 2.5"	£79.99	250Mb	£124.99
120Mb 2.5"	£88.00	340Mb	£139.99
170Mb 2.5"	£109.99	510Mb	£200.00

INTERNAL 3.5" + FITTING KIT + S/WARE

Robust steel bracket system to replace the 2.5" cradle inside the A1200. Both IDE and power cables are provided. Opus 4.12 free ideal to manage your hard disk, 7 disks FULL of essential software.

NO MORE CASE MODIFICATION & MESSING AROUND

1 Gb + Full Kit	£184.99	1.6Gb + Full Kit	£224.99

CD-ROM DRIVES

Amiga 1241 Q-Drive Quad speed for A1200 via PCMCIA	£194.99

GENLOCKS

FUSION VIDEO GENLOCK

It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) & the semi professional user (wedding videos, corporate presentations..) **FREE Scala HJ100** (enables you to add special effects and overlay text onto your video. **£98**

MAGNUM RAM UPGRADES & ACCELERATORS

FREE OPUS 4.12	0MB	4MB	8MB	16MB	32MB
RAM BOARD	49.99	87.99	109.99	N/A	N/A
RAM BOARD & 33Mhz	79.99	117.99	139.99	N/A	N/A
68030/25Mhz & FPU	99.99	137.99	167.99	199.99	269.99
68030/40Mhz	129.99	164.99	189.99	229.99	299.99
68030/40Mhz & FPU	149.99	184.99	209.99	254.99	324.99
68030/50Mhz	169.99	207.99	237.99	277.99	339.99
68040/25Mhz	249.99	287.99	314.99	354.99	419.99
68040/40Mhz	329.99	367.99	394.99	434.99	499.99
68060/50Mhz	499.99	537.99	567.99	609.99	677.99
SCSI II INTERFACE	79.99				
33Mhz PLCC FPU	35.00				

PCMCIA Compatible for use with overdrive or CD/Zappo CD Rom or Squirrel. Zero wait state design.

INKJET CARTRIDGES AND REFILLS

HP Deskjet 500C/5000/560C Black	£22.99
HP Deskjet Black Refill	£7.99
HP Deskjet 600/660C Black	£22.99
HP Deskjet 500C/560C/600/660C Colour	£25.99
Canon BJ10/200 Black	£16.99
Canon BJ10/200 Black Ink Refill	£7.99
Citizen Project IIC Colour	£34.00
Citizen Project IIC Mono	£20.50

TOP QUALITY RIBBONS

BLACK

Amstrad DMP 2000/3000	£3.00
Amstrad DMP 4000	£3.66
Amstrad PCW8256/8512/LQ3500	£3.00
Amstrad 9512	£3.50
Citizen 120D/LSP10/Swift 24/9	£2.85
Epson LQ100	£4.10
Epson LX80/86/90	£2.50
Epson LQ400/500/800/850	£3.45
Epson FX/MX/RX80/LX800	£3.45
NEC Pin Writer P2200	£3.50
Seikosha SSP1200/1600/2000	£4.00
Panasonic KXP1123/1124/1180	£3.30
Panasonic 2135	£8.25
Panasonic KXP2123/2180	£4.00
Star LC10/20/100	£2.99
Star LC200	£3.50
Star LC2410/24200	£3.00

COLOUR

Citizen Swift 24	£12.99
Panasonic 2135/2123/2180	£13.99
Star LC10/20/100	£7.00
Star LC200	£12.30
Star LC2410/24200	£12.50

ADD £2 P&P

A500/500+/600 UPGRADES (inc clock)

A500 up to 1Mb (512k)	£24.99
A500+ up to 2Mb (1Mb)	£28.99
A600 up to 2Mb (1Mb)	£39.99

FAX / MODEM

	Modems only	inc. GP Fax s/w
Viper 14.4k int	£74.99	£114.99
Viper 14.4k ext	£99.99	£139.99
Viper 28.8k ext	£149.99	£189.99
Viper 28.8k int	£159.99	£199.99

NEW PRINTERS

PANASONIC 2135
24 PIN COLOUR

£159.99

All printers free lead & delivery

DOT MATRIX 24 PIN COLOUR

PANASONIC 2135 colour inc sheet feeder	£159.99
Citizen ABC colour	£134.99

Add £15 for black ribbon (Dot Matrix only), dust cover, printer stand, 500 A4 paper when purchased with printer.

INK JET - DESKTOP & PORTABLE

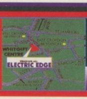
Hewlett Packard 600 mono ink jet	£185.95
Hewlett Packard 600 colour ink jet	£210.00
Hewlett Packard 660 colour ink jet	£259.99
Hewlett Packard 870 colour ink jet	£414.99
Canon BJ30 mono inc. sheet feed	£149.99
Canon BJC70 colour inc. sheet feed	£199.99
Canon BJC210 colour - offer ends Aug 96.	£169.99
Canon BJC4100 colour ink jet	£239.99
Canon BJC610E colour ink jet	£369.99
Epson Stylus Colour II	£284.99
Epson stylus colour IIS	£184.99
Citizen Printiva 600 colour NEW	£389.99

MONITORS

Amiga M1438S	£287.99
Microvitec 1438 + speakers + Free Amiga Adaptor	£274.99
Hitachi or Panasonic Monitor/TV	£174.99

U.K. & INTERNATIONAL DELIVERY SERVICES - (BFPO ORDERS WELCOME + SURCHARGE)

LAND
AIR
SEA



ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY).
ADD £10.00 FOR NEXT DAY DELIVERY CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE,
CROYDON, SURREY CRO 1UU

FINANCE AVAILABLE

SALES HELPLINE: 081-686 9973 Mail order prices only FAX: 081-686 9974

All offers subject to availability. E&OE. Prices/Pack details may change without notice. Please allow 6 working days for cheques to clear.

Mon-Sat: 9-6pm Thurs: 9-8pm Sun: 11-5pm

SOFTWARE2000

ALL OUR PD DISKS ARE

99P

PER DISK + CHOOSE 1 FREE DISK WITH ORDER OF 10 OF MORE DISK

OVERSEAS POST & PACKAGE RATE
(Europe add 25p per disk for P&P)
(Worldwide add 50p per disk P&P)

We stock over 6500 QUALITY PD & SHAREWARE

How to order

To order any disk just write the disk title and the disk code, EG U01 Agene. Some title have a number in ( ) this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE name will do.

ALL DISKS ARE COMPATIBLE WITH ALL AMIGAS UNLESS STATED

AGA Disk means for A1200/A4000 only

Price.................99p per disk

Please add 70p to total for postage & packaging

Pack price as stated. All Orders Same Day Despatches

For the very latest catalogue disk please add 70p

MAKE CHEQUE/POSTAL ORDER PAYABLE TO: SOFTWARE 2000 SEND TO (ADDRESSES TOP RIGHT)

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIBUTOR
YOUR ORDER WILL BE SAME DAY DESPATCH VIA FIRST CLASS P

SOFTWARE 2000
DEPT (CU)
8 Falcon
Wilnecote
Tamworth
B77 5DN
ENGLAND
TEL: 01827 287377

SOFTWARE 2000
DEPT (CU)
9 Wills Street
Lozells
Birmingham
B19 1PP
TEL: 0374 678068

TEL OR FAX: 01827-28737

SOFTWARE2000 FREE MOUSE MAT worth £2.99

FREE MOUSE MAT worth £2.99 with every order £12 or over. To claim your free mouse mat just cut & return this token with your order + enclose an extra 38p stamp to cover the mouse mat postage & package. Offer only available with this token (limited 1 mouse mat per order exclude any other offer)

You may choose 1 FREE disk if mouse mat not required

******AMIGA ESSENTIAL******

DISK CLEANING KIT------------------------------------**£2.99** *
Complete with disk & cleaning fluid
Quality MOUSE MAT ---------------------------------**£2.99** *
10 blank disks & 10 labels -------------------------**£4.99** *
50 disk protector sleeve------------------------------**£0.99**

* special offer £1 off if you order 5 or more pd disks

music

M001 BEASTY BOYS-We Want Some Pussy songs
M002 MICHAEL JACKSON-song BAD
M003 DO THE BART MAN
M005 100 C64 TUNES (not A1200)
M006 BAT-DANCE REMIXED
M017 GUNS & ROSES - YOU'RE CRAZY
M018 THE XMAS SONG (disk) very funny
M025 MONEY FOR NOTHING-DIRE STRAITS HIT song
M027 BLUES HOUSE (2 disks)
M084 C64 GAMES MUSIC
M115 MAHONEY & KAKTUS 2 - 40 tunes compilation
M125 ADAMS FAMILY
M147 BANGLES - Walk Like An Egyptian
M150 TIFFANNY I Think We're Alone Now
M171 MADONNA - (Like a Virgin)
M173 JANET JACKSON - RHYTHM NATION
M177 PET SHOP BOYS
M184 SAM FOX - (PLEASE ME)
M186 MADONNA - (RESCUE ME)
M188 JOE Le TAXI
M189 MICHAEL JACKSON (SMOOTH CRIMINAL)
M194 JESUS ON E'S (2 disks)
M205 RAVE - more Rave
M262 A TO Z OF C64 GAMES MUSIC (4) brilliant
M314 DICK TRACY (madonna) (2)
M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

U427 PRINTER-STUDIO excellent print results
U599 PRINTER TOOL - includes typewriter, spooler etc
U792 PRINT LABELS print disk labels/banners
U793 STAR PRINTER STUDIO - for all star printers
U794 SEIKOS STUDIO - For all Seiko printer more specific printer driver for the above printer
U733 PANASONIC STUDIO - 9 & 24 pin printer driver & util
U734 CANON PRINTER STUDION not A500 (1.3)
U735 PRINTER STAR 24/200 FONT DESIGNER - shareware
U782 CITIZEN PRINTER MANAGER for all Citizen printer owners containing many useful printer utils & drivers
U884 CANNON PRINTER STUDIO for all models for use with cannon printers
U757 150+ PRINTER DRIVERS largest collection

VIDEO TITLER/TOOLS

U151 VIDEO NOTE database for your video collection
U431 VIDEO APPLICATION (2 disks) many video titler prog
U250 VIDEO TOOL (3) loads of video utils. Recommended
U984 TELESUBTITLE - new video titler
U985 VIDEO MAXE V4.33 The latest in video
U352 DESKTOP VIDEO 1 & 2 (best video titler tool) catalogueing system. Dozens of functions
U671 TELE TITLE 2 - Great new VIDEOS titler
U513 VIDEO TITLER (2 disks) more VIDEO TITLER-BEST
U920 TELESCROLL 2 (not WB1.3) Easy to use Video titler loads of features
U921 WEDDING VIDEO ANIM (2 disks) Requires D.Paint 3/4 Very high quality
U922 CAPTION MACHINE excellent video titler
U923 VIDEO MANAGER (not A500 1.3) Video Catalogueing system
U925 VIDEO TITLER - very good video titler

TOP VARIOUS UTILITIES

U024 D-LOCKS protect your disks & files
U027 ULTRAPAINT & SURF paint & 3D model program
U029 CAN DO programming language
U046 DARKSTAR no.2 (vol 2-5) loads of utils
U058 DISK MAG CREATOR create a disk magazine
U117 NORTH C compiler (2) brill programming language
U122 SID 1.6 copy/delete/move file made very easy
U131 TETRA COPY play tetris while copying disk, great
U135 MOST USED UTILITIES (2) very useful util collection
U145 XCOPY PROFESSIONAL very powerful disk copier
U146 C-MANUAL 2 (4) Teaches you how to program in C
U169 PAINT AND ANIMATE still the best
U170 BIORHYTHMS V4.01 display your own biorhythms
U184 MASTER SEKA V1.6 complete Assembler language
U186 UNLIMITED DISK CREATOR all tools are on here
U187 M COMPUTER AID DESIGN - Was commercial product
U188 SHOWBIZ Slide show maker 24+ wipe effect
U191 SID II copy/delete/move/run file using a mouse
U220 AMOS/PAINT V good paint package, lots of features
U222 GRAPHICS UTILITY (3) lot of graphic converter tools
U226 50+ MOST USE UTIL loads of very useful utils
U229 SLIDE SHOW CONSTRUCTION KIT easy to make
U240 ARCHIVER TOOLS lots of crunchers
U242 IMPLODER 4.0 dia file compressor. Excellent
U243 The A-T COPIER (not WB3) 13 disk copier
U254 FRACTAL UTIL loads of fractal programs, brill
U282 LAND BUILDER create realistic landscapes
U284 COPY & CRACK TOOLS back up your software
U300 MESSY SID II read/write PC/MAC etc files
U301 AUTO DISK LOGGER catalogue your disk
U321 GRAPHIC Util 1 (3) loads of brill graphic utils
U324 GRAPHIC util 2 (3) even more graphic tools
U333 SCENERY MAKER more landscape generators
U334 EMULATOR COLLECTION II (lots of emulators)
U335 FREE COPY back up commercial games
U337 MODEL 3D Brilliant 3D object designer
U338 MULTI VISION (2) disk/files utilities
U340 HACKER-TOOLS many ripper tools
U350 POOL TOOL - predict horses with the best chance
U351 RACE RATER Similar to above, but both
U358 STAR CAT 2 - create catalogue disk, easy
U359 SEEKER find lost files on floppy & hard drive
U360 R.P.G (2) adventure creator
U363 DISK REPAIR KIT salvage & repair damaged disks
U372 WORLD SORT process ASCII files
U377 NCOMM III more modem software + packer util
U380 UNICOPY fantastic disk copier
U399 FRANSCAPE V1.2 new fractal similar to VISTA
U400 SOUND TRACKER V2.6 music maker
U420 SPEED BENCH (not WB1.3) create auto boot WB
U425 NIB 2 very popular copiers
U436 THE RIPPER COLLECTION (not WB3) many ripper progs
U442 SYSINFO test & print info on your Amiga sys
U444 FONT FARM font creator/editor/design new fonts
U457 WHOM 2 (3 DISKS) Detail/database on 51 films
U470 FINAL FRONTIER 1 (2 disks) Star-Trek magazine
U473 FINAL FRONTIER 3 (4 disks) Star Trek magazine
U480 HARD DISK CLICK Hard drive menu system
U490 B-TEC UTIL Amazing pack with 207 utilities
U491 PROTRACKER V3 Best music writer program
U492 WORK STATION (2 disks WB1.3 only) WB replacement
U495 HARD DISK UTIL brill collection of Hard Disk util
U496 EASY PRINT (A500 only) lots of printing utils
U498 WORK MATE 15 brilliant disk utils compilation
U501 THE MUSIC CONSTRUCTION KIT (state Amiga owned)
U504 HOT STUFF more util disk compilations
U505 VIRUS KILLER & DISK RESALVGE / REPAIR KIT
U507 DCOPY V3 PROFESSIONAL Excellent disk copier
U509 ULT BOOT BLOCK 40+ bootblock generator/maker
U510 ULTIMATE BOOTBLOCK Collection II + more
U512 ZIRCON UTIL 30 MOST USEFUL UTIL 2, brilliant
U515 WIT COMPETE UTIL 20 most used utils

U521 SPECTRA PAINT III rival to DPaint
U550 SCENERY CONSTRUCTION KIT FRACTAL, recommend
U551 ASSASSIN BOOT BLOCK over 50 bootlock protector
U555 CROSSWORD CREATOR (not WB3) crossword maker
U561 PERM CHECK a full POOL PREDICTION program
U568 ICON CONSTRUCTION KIT icon making program
U569 ICON ready made (4 disks)
U590 600 NUMERIC PAD EMULATOR (A600 only)
U591 DEGRADER (not WB1.3) A500 emulator
U592 KILL AGA make older programs run on A1200
U600 C64 EMULATOR II util & document
U601 DISKSALV II + ABACKUP (not WB1.3)
U603 THE CHEAT COMPENDIUM for over 450 games
U620 HOW TO CODE IN C (2 disks) + many examples
U622 ACTION REPLAY V1.5 cartridge on disk
U623 ACTION REPLAY V4 (A1200 ONLY) same as above
U645 PC EMULATOR V2.31 (WB3 only) SVGA PC emulator
U650 COPY & CRACK TOOL 2 more powerful copy programs
U680 NEW SUPER VIRUS KILLER (not WB3) kill 316+ viruses
U689 FORCASTER V2 horse racing prediction program
U690 ASSASSIN COPIER (lots) includes Xcopy3/dcopy etc
U694 SUPER DUPER 3 (NOT WB1.3) v.fast disk copier
U696 AMITOOL PROFESSIONAL disk database tool
U699 MEGACHEAT V3 + even more game cheats
U700 ANIMATION CONSTRUCTION KIT V1.2 + good
U702 V MORPH V2 create smooth morph animation
U703 POOL TOOLS 2(Latest) predicts horse racing
U705 TRONI-CAD best creative circuit board and examples
U707 GAME TAMER (3&4) - (2) Even more games cheats
U708 LAST WILL AND TESTAMENT write your will
U710 PERFECT PAINT 32 very easy to use paint packages
U714 ENGINEERS KIT various test kits for Amigas
U718 MAGNUM 1.9 REGARD the best disk magazines creator
U721 FONT FARM V3+ loads of fonts + font viewer
U723 EXOTIC RIPPER rates as the best sound/graphics ripper
U724 PARNET SET UP (2) requires for the connection
U725 PARNET CABLE MAKER INSTRUCTION project save £££
U726 AREX MANUAL (not WB1.3) complete manual. Highly rec
U729 ASSASSIN BOOT UTIL 50 boot block creator utility
U730 SOFT AGA (A500 plus or A600) & min 1.5 meg
U731 A-Z GAMES CHEAT for over 500 games
U732 MINI MORPHS create TERMINATOR 2 effect
U736 AWARD MAKER II + hundreds of ready made, brilliant
U737 ASSASSIN CRUNCH & COPY TOOL (WB1.3 only)
U738 S.KICK PROFESSIONAL V3.2 Various versions of K-Start
U739 TURBO IMPLODER V3.1 powerful disk cruncher
U740 CROSS DOS 5.1 plus read/write PC<> AMIGA disk
U741 HD-DISK TOOL BOX + many more disk util recommend
U742 HOW TO CREATE AUTOBOOT DISK complete + util
U743 UTIL. Disk Maker v3. MAKE AUTO DISK
U744 FRACTAL MANIA + BIOMORPH Brilliant Collection
U745 AF WORKBENCH (WB1.3 ONLY) replacement
U746 3D GARDEN DESIGNER can view from any angle brill
U747 ASTRONOMY V2 predict star planet prediction
U748 ILLUSIONS DRAWING program like Dpaint
U749 DISK REPAIR 3 (floppy & HD) include soft-protect
U750 MUSIC CATALOGUE (not A500 1.3) very easy to use
U751 SYSTEM CHECKER TOOL must for any amiga owner
U753 HARD DRIVE UTIL + lot more Hard drive util
U754 PARBENCH installer (complete)
U755 PRO CAD electronic latest circuit board designer
U758 WB MENU LAUNCHER menu system, easy to use
U760 ICON PLUS (3 DISKS) Hundreds of stunning ICONS
U761 RELOCKIT 1.4 latest WB1.3 emulator
U762 FAKE FAST MEMORY make older software run
U777 TELETEXT RECEIVER Project. Highly recommended
U781 DOSTRACE V2 display information why some program refuse to run. Also moniter Amiga activity RECOMMENDED
U783 POOL WINNER GOLD must for all gamblers
U789 HARD DISK MEMORY V2 use HD as memory (re MMU)
U790 WINDOW BENCH V2 (WB 2/3) 2 disk new workbench replacement, include lots of useful utilities
U791 COMPUTER DIAGNOSTIC TEST V9 Amiga complete system tester

U800 PRINT A CARD include many ready made
U801 MULTI-PRINT V4 lot of printing util
U805 DISK PRINT print custom disk lables
U807 FONT & PRINT Load of utilities to wiew & print your font col
tion. RECOMMED
U830 POOL WIZARD -(football) prediction
U832 DIVENDEND WINNER - Prediction rograme for use with LIT
WOOD, VERMON, ZETTER Ect
U834 FORCASTER 2.02 New Horse prediction Prog
U839 AUDIO MAGIC 4-Proctracker V3,Exotic ripper
U843 AUDIO MAGIC 8- Octamed player ect
U846 C64 emulator V3 (2DISK) C64 emulator/latest
U848 SPECTRUM EMULATOR V2- Spectrum emulator latest
U850 EAGLE PLAYER (2disk) the best music player.
U851 DELI-TRACKER (2disk) play all music format.
U881 SONIC DRUM KIT V2 Make drum sample
U882 DISK COPY Pack- collection of 10 disk copier
U883 OPTI-Utils 1-over 30 disk copier/Optimise ect
U885 INTUTION BENCH MARK V6.5 (Not Wb1.3) sysinfo
U886 COMPLETE WB UTIL (2DISK) very useful Util col
U887 DISK REPAIR KIT 4-include disk repair, undelete,softprotec
diskmate, sysinfo,ect
U950 STEREO-SCOPIC V2.a (not A5001.3) This is the RAMDOM
DOT STEREOGRAM generater.
U951 FORTH PROGRAMMING (NOT WB 1.3)
U957 SCALA BACKGROUND (2disk) High quality image
U960 PROGRAME LOADER-New HardDisk menu
U961 MAGAZINE E 3(2disk) science fiction magazine
U963 AMOS & AMOS PRO COMMAND EXTENSION
U967 PRO-GAMBLE-Super Horse prediction programme.
U978 DELUXE PAINT 4 BUDDY SYSTEM-(2) Get the most out de
Paint instan on line for evry fuction
U981 VIRUS CHECKER V6,64 --AUTO UPDATE MONTHLY-- U9
DIRECTORY OPUS V4 add Extra Command/BUTTON
U983 MAGIC WB & MAGIC MENU .Both Latest version
U986 VIRUS-WORKSHOP V5.1-the best Virus killer
U987 GRAPHIC-CONVERTER (2D) Convert picture ed
U988 TURBOCAT Auto catalogue your disk library
U989 AUTOBOOT DISK MAKER V4 -very useful
U993 IMAGINE STUDIO V2.(2D) The best PD image(picture) pro
available rival even thecommercial costing hundres of pound. (no
U969 POWER-CACHES Speed up disk loading,Accesses
U970 HARDDRIVE SECURITY II Large collection of HDscerity pr
grame eg Lockout2,Password & many more
U971 HARD-DISK & FLOPPY DISK DOUBLER (Epu) not WB1.3
U973 CHEAT FOR 800 + GAMES. LEVEL CODE V3.3.(2)
U974 HD GAMES INSTALLER 2 install tops games to HD EG.200,
Rise Of the robot,Mortal Combat2 & more
U975 DMS V2.04 Pro. Crunch entire disk. (not1.3)
U976 MAGIC SLECTOR V1.4-Change Magic WB back drop
U977 MAGICWB ICON ARCHIVE (3) 1000's of MGwb icons
U998 X-PASSWORD-prodect your hard/floppy drive
U979 ICON ACHRIVE(3) 1000's of normal icon(any Amiga)
U994 TEXTURE STUDIO. Render Various Texturefor use with ima
3 ect req FPU.(not 1.3)
U995 PRO-GAMBLES V2 must for all gamblers.
U996 BOOKIE BEATER- gambling programe to win bookie
U997 HD GAME INSTALLER 3. install more game to HD
U998 EXOCTIC RIPPER V3.b Latest ripper
U999 HD MEMORY (new collection) require MMU
U1000 MAGIC OPUS VOL 2 & 3 (2D) more Dopus buttom
U1001 CAR DATA ANALYST-check your car performance
U1002 TURBO CAT-(WB 2&3 only) catalogue creator
U1003 LOTTORY WINNER V2-new version
U1005 BASIC-ELECTRONIC-Teach all about eletronic
U1006 LOTTO LUNACY V2 Update latest lottery predictor
U1007 ALL NEW HARD-DISK & FLOPPY DISK TOOL 2 (2)
U1008 HARD-WARE PROJECT 2 (2) Build dozen ofproject even fo
to fit Amigas in a tower case
U1009 DATA ALERT 3-explain why your computer crash
U1010 WB2.04 INSTALLER-install A500+/A600 to HD

PUZZLE GAMES II

Massive collection of all the very best puzzle games ever released including some of the classics like Rubic-cube, Picture-Puzzles etc.. much too many to list. Very popular

5 disk pack only £4.99

ARCADE GAMES II

COLLECTION OF THE VERY BEST SHOOT EM UPS
MUST FOR ANY GAMES PLAYER

5 disk pack only £4.99

BOARD GAME II

The very best board games ever released.
This pack contains the very latest CHESS, CHECKER, SCRABBLE, MONOPOLY & DOMINOES
recommend **5 disk pack only £4.99**

Printer Pack

5 disk pack with all the latest printing progra specially designed for printing out high qua documents, text & pictures ect. and it is even to print out A5 Booklets (ver handy). Easy to

A must for any Amiga owner with prin

Printer Pack (5 disks) only £4.9

GAMES

G222 MEGA 21 GAMES amazing 21 games
G235 DRAGON-CAVE brilliant 3D puzzle games
G240 QUADRIX very addict excellent
G242 TAKE EM OUT like to Operation wolf
G253 DESTINE MOON BASE Arcade conversion
G272 TANK BATTLE 2 player tank battle game
G278 ARCADIA the best ARKNOID clone
G300 Q-BOID cross TETRIX and INVADERS.
G303 DIMENSION X 2 player LIGHT CYCLE GAME
G310 NEBULAR Excellent 3D shoot em up
G316 GALACTIC Excellent 8 levels arcade
G317 HYPER-BALL Speed ball +level editor
G320 GHOST-SHIP Very good 3D adventure
G325 BATTLEMENT hunch back of notcha
G326 MEGA GAME COLLECTIONS III 3 top games
G329 MADONNA NUDE PUZZLES for 18+ only
G331 GRAVITY massive space exploring game
G333 CYBER-NETIC Brillant 8 way blaster
G334 DONKEY KONG -(A1200 order code AGA296)
G336 CRAZY SUE II- best platform to date
G342 SUPER SKODA CHALLENGE (& track editors)
G344 STAR-TREK similar to RAID2 but harder
G355 DOODY very cute & extremely addict
G356 WONDER LAND amazing graphic recommed
G362 DELUXE PACMAN + best pacman ever release
G367 CARD GAMES collection
G368 WIZARD-DOMAINS-dugeon type games
G370 KALATRIZ (notA1200) arcade tetriz clone
G373 AIR ACE II Very playable shoot em up
G384 OTHELLO best PD version
G386 MOUSE IMPOSSIBLE very addictive puzzle
G390 TETREN most polish Tetriz ever release
G392 STRIKEBALL brillant base ball clone
G399 TRAILBLAZER brillant (not A1200)
G400 FIGHTING WARRIOR like street fighter
G404 DOMINOES only one of it kind on PD
G406 TOTAL WARS -strategy like chess in space
G411 BATTLE CAR 2- 3D car racing
G431 NESTER CARD GAME- hours of fun for a quit.
G435 ROULETE american roulete excellent
G438 TRAILBLAZER 2 C64 conversion
G441 E-TYPE 2- very good asteroid great graphic
G443 OLEMPIAD DISK (2D) Olympic sport events
G445 DESCENDER GAME tank, search & desender
G446 OBLIDOX excellent Arcade/Puzzle game
G448 PARACHUTE JOUST quite playable
G455 CASTLE OF DOOM VG graphic adventure.
G460 WIBBLE WORLD GIDDY Large platform game
G467 CASH FRUIT- good fruit machines
G478 AMOS CRICKET cricket games
G488 EXTREAM VILONCE 2 player battle out
G489 ENGIMA MACHINE very challenging puzzle
G490 MEGA BALL 2 very playable break out clone
G491 BOUNCE & BLAST brillant platform 10/10
G492 ZOMBIES & DEFENDER 2 fantastic games
G494 MERCANERY SIMULATION 3D wars games
G499 LIFE -simulation very interesting
G500 TRANSPLANT dozen of level fast arcade.
G501 KLAWZ THE KAT-great platform games
G511 HIGHWAY HELL like SPY HUNTER on the C64
G531 OPERATION FIRESTORMS-brillant
G534 CASTLE KUMQUAT similar to Alien breed
G535 BLACK DAWN brillant graphic adventure
G538 MORIA 5.4 The latest Dungeon & dragon
G539 BRIDGE Good version of bridges
G540 ORK ATTACK bloody adventure

101 GAMES

PRICE ONLY £9.99

Brillant collection of over 100 of the very best of PD games includes INVADER 2, Tetris, Monopoly etc Much too many to list. Very easy to use menu system Most games come with full playing instructions

MUST FOR ANY GAME PLAYER

COMPATIBLE WITH ALL AMIGAS

All games are selectable from an easy to use menu & most games come with full playing instructions

G541 REBOUNCE 2 player futuretic breakout
G542 ROAD TO HELL brillant car racing
G544 SUPERTOM CAT New vertical shoot em up.
G545 KUNGFU CHARLIES mix with platform brill.
G546 RAID 4 latest vertical scroll shoot em up
G546 QUIZMASTER very good quiz programe
G552 ELEVATION games base on lift ??
G560 IMPERIAL WALKER -Base on STAR WAR games
G567 STARBASE 13 (2D) Brll like MONKEY ISLAND
G657 AMOS LOADSA MONEY best FRUIT-MACHINES
G659 MR MEN OLYMPIC (2D) many event to complete
G660 4 L.C.D DREAM 4 small hand held gamesG
664 NEIGHBOUR GAMES (2D) base on the TV series
G665 TIME RUNNER (WB2/3) Brillant graphic
G667 GOLF (2DISK) One of the first & decent GOLF
G668 AMOS CRICKET 2 New Amos cricket simulator
G669 MUGSY REVENGE gangster graphic adventure
G672 JIGSAW (2DISK) very playable jigsaw games
G673 BOBBY GARDEN + DIGGER (NEW) Brillant
G674 HIGH OCTANE Fast car racing (notwb1.3)
G675 TIME RUNNER amazing graphic adventure
G680 SPACE-INVASION 2 - Fantastic Galaxain
G681 AUTOMOBILES - PD version of SKID MARK brll
G682 BANDIT MANIA - Brillant fruit machine demo
G685 PROJECT BUZZ BAR -Brillant asteroid
G689 GUN FIGHT (not A500(1.3)
G690 THE REAL POPEYE 64 (a500 1.3 only)
G692 SYSTEM DEFEND-Brillant Defender clone
G698 AMIGA-BOY-Game boy emulaor + tetriz
G732 DETHELL IN SPACE. Recommed.
G736 OVERLANDER Brillant arcade MOON ALERT
G737 SERIOUS BACKGAMMON The best in PD BG

101 GAMES 2

PRICE ONLY £10.99

This is the very latest all new 101 games compilation pack 2 containing some of the very best in PD games like Zeus, Wonderland, Dragonflies etc. Much too many to list

COMPATIBLE WITH ALL AMIGAS

All games are selectable from an easy to use menu & most games come with full playing instructions

G771 STAR WOID (2 Disk) brillant Thrust
G772 UN-SENSIBLE SOCCER very similar toSensible scoccer games. RECOMMEND
G773 FRUIT MANIA -Brillant Fruit machine.
G774 TRICKLE TREAT -like DOOM on the PC
G775 FOOT-BALL MANAGER-new version
G782 SOLO ASSAULT 3D like Wing Commander
G783 SEED OF DARKNESS-Brillant graphic adven
G784 NANO FLY Superb explore game RECOMMEND
G785 THE GREAT GOLD RAID- very addicted
G787 ANT WAR V1.9 (LATEST) not 1.3
G788 ZENO-MORPH -Great grahic
G789 TASK FORCE very good MIND SHADOW clone
G790 GREEN FIVE Amazing 3D graphic like
G791 PROFFESIONAL BINGO CALLER
G792 MARTIAL SPRIT like Street fighter II
G798 6 EXCELLENT CARD GAMES collection
G809 BLITZ 2 fast action shooting games
G810 EXIT 13 Brillant puzzle
G811 TEMPORAL MISPLACEMENT-graphic adventure
G812 ADAY AT THE RACE-V.Goodhorse racing games
G820 BOULDER ORIGINAL with 80 level
G821 BOULDERDASH cave/level Construction kit
G822 BOULDER COLLECTION 2/3 160 level (2disk)
G839 BOULDER PACK with 640 level on 8 disk
G860 ALIEN NET WORK-new Spacing invader
G862 BATTLE FORCE excellent text adventure.
G863 GNU CHESS the best chess with 10 level
G868 SWORD OF YIGG Graphic adventure
G867 POWER-TETRIZ for 1 or 2 player
G868 SUPER SMASHING TETRIZ
G870 CHESS II & CHECKER One of the best around must for all CHESS or CHECKER player
G871 GRAVITY FORCE 2 1 or 2 player thrust clone

G872 SCHNEBITZ Commercial quality puzzle games
G875 DELEXE GALA v2.3(new) add new feature &bouns gamme + 2 player RECOMMEND. get it now
G876 THE KRILLIAN INCENDENT like ELITE2/Epic
G878 QUANTUM-Maze colect & escape type games

NEW
101 GAMES PK 3

new 101 pack 3 contains over 100 games. run on all Amigas only £11.99 offer buy any 2 pack together & recieve a free £4 token for use with next order "this offer cannot be used with any other offer current & subject to condition apply

G879 RAG TO RICHES - like MONOPLY
G884 WIPE OUT-mindless blasting gamse
G885 GODZILLA Another shootem up
G886 SUPER MEGA FRUIT- All new Fruit Machine
G888 DRIVING MANIAC 3D (fill vector likeindi500) car racing- very fast. RECOMMEND
G889 PLANET FALL - Luner Lander clone
G891 BUCK TOOTH ADVENTURE Very good multilevel shoot/collect em up RECOMMEND
G892 PENGO 2- Maze type games. Recommend
G893 SUPER OBLITERATION Blast asteroid verysimilar to PANG 2 lot of weapon RECOMMEND
G894 SUPER INVASION II -New SPACING INVADER
G897 THE SHEPERD Brillant POPULUS clone. REC
G898 ALIEN GENOCIDE (2) Shoot aliens set in space.
G899 PUCKMAN. One of the better PacMan around.
G900 SUPER-BATTLE ZONE.3D (not WB1.3)
G901 M*A*S*H a (ANTWAR 2) play very similar toLEMMING & WORM, with load of Weepon (Brillant)
G904 LAST SOLDIER (2) multilevel platform games
G905 CBBERTECH (2) exclent ALIEN BREED Clone
G906 HANGMAN any one for a game?
G907 ACE SPACE nice Platform games
G908 COLOURMANIA slide/Klatriz type puzzle games
G910 HARRY-HADDOCK- Brillant platformer games
G912 MANGLE FENDER -Brillant. Smash up othercar/tank ect to win. extremly addicted. get it
G913 ARCADE GAMES CLASSIC Vol 1 & 2 (2d)
G914 HELICOPTER-play like Desert strike
G915 COW WARS. Very addicted 2 player games
G916 ISLAND -Play like Monoply
G919 COP THE LOT Pro Latest Lottery predictor
G920 LOTTERY PROFFESIONAL This version use
G921 MONOPLY. (boerd games) The best version
G922 JET WILLY 3 - excellent platform games
G923 FLAMMING ENGINE-Superb car racing
G924 POWER MACHINES. Grahicaly brillant shoot
G925 SUCIDE-MACHINE Operation wolf style
G926 ZAXXON 3D Superb C64 3D blaster games
G927 BOING V3. Great platformer. recommend
G928 PUNTER-Animate horse racing games
G929 ARCADE JIGSAW (2d) include LION KING
G930 WHEEL CHAIR GLADITOR-Very fun to play
G931 NIMBLE-Brillant New arcade puzzle.
G933 BLACK DAWN 3- THE NEW BEGINNING (2) Superb 3D adventure. RECOMMEND
G934 R3 ROCKET (NEW)very good rockets games
G935 BATTLE SHIP- the finest PD version
G936 LAST LAP - Fast car racing

GAME HINTS & CHEATS II

Play your favourite game for ages? but can't get to the end of the level or game? Having problem with some games? 5 disk pack with 1000's of games cheats/ help/level code action replay poke etc should help you finish many games suitable for all Amiga only £4.95 Update & release on 29 July 95

EDUCATION

E001 KID PAINTS. superb paint special for kids
E002 COLOUR IT brillant computer colouring book
E003 TREASURE SEARCH find the hidden treasure.
E004 LEARN & PLAY (not A1200)many maths & games
E005 LEARN & PLAY II more education programes
E006 SPANISH TRANSLATOR Spanish<> English
E008 MR MEN (WB1.3only) brillant story adventure
E009 ASTROMY tutorial on solar/star ect system
E010 SIMON & SPACE MATHS maths & simon games

E011 EDUCATION PACK 1

packed with dozen of education programs ranging from maths, science to educational games recommend suitable for any Amiga. 5 disk pack only £4.95

E011 EDUCATION PACK (5 Disk) pack with lot of ed program ranging from maths to games recommend
E019 DINOSAURS teach you all about Dinasaour
E020 WORLD DATABASE require (2+meg)
E021 STORY LAND II interact puzzle games rec
E022 LANGUAGE TUTOR teach you 4 language
E023 TALKING COLOURING BOOK talking Dpaint bril
E024 EASY SPELL II improve your kid spelling
E025 SCRABBLE require 2-4player. brillant
E026 WORDS can help you solve the crossword
E027 OSWALD Very colourful large cartoon game
E030 EVOLUTION breed your own hybrid
E031 IQ TEST + IQ GAMES pack 1 excellent
E033 TYPING TUDOR very good typing tudor

EDUCATION & 21 GAMES pack

Collection of the very best of education program & a 21 games pack. a very popular combination for kids. (run on all Amigas) 5 disk pack only £4.95

E035 CHESS HELPER help/teach how to play
E036 BASIC TUDOR learn about Amiga basic Prog
E038 AMIGA TUTORIAL 7 part tutorial
E039 COMPUTER CARE how to care about AMIGA
E040 GUIDE TO LOWER BACK PAIN tutorial the spine & how to avoid back pain. (recommend)
E041 KID ALPHABET display all alphabet letter
E042 FRACTION & SILOUEST maths & games excellent
E043 MATH MASTER teach/test you more on maths
E044 STEAM ENGINE V2 graphic & tutorial
E045 PETROL ENGINE tutorial & animate graphic
E046 GAS TURBINE ENGINE tutoria & anim graphic
E047 STIRLING ENGINE tutorial & anim graphic
E050 DREAM FOR ANGEL explain the meaning of dream E051 INVISIBLE WORLD brillant recommend
E052 FISH TANK turn your amiga into a FISHTANK
E054 DEMOLITION MISSION simple game for kid
E055 WORD POWER solve crossword puzzle ect good.
E056 WORM HOLE simple game ideal for children.
E057 APPLE CATCHER catch falling apple brilliant
E058 CROSS MAZE & CRYPTOKING 2 excellent kid games E059 VERB QUIZ find the word & it related. Brll
E061 KING JAMES BIBLE (4d) complete bibles excel
E066 TARROT clairvoyant in a instance
E068 GALLOW fancy a games of hang man?
E070 MATH DRILLS teach all basic math skill Vgood
E071 ERROR INFO give info why your amiga crash
E075 WORLD-WAR 2 graphics tutorial on WORLD-WAR releate program eg simulate Starprobe/ molecube/ ect
E076 SCIENCE an excellent collection of science ideal for all who interesting or studies in science recommend. this pack come on 4 disks
E080 KIDPRIX great children paint programme.
E081 ASTROMY PACK- This is a mazing collection of programe relate to astromy. can help to locate certain or star position ect. must for anyone who studies astromy or hobby. great (4DISK)
E073 PICTURE & LETTER learn to reads- first step
E074 AMIGA BEGINER GUIDE tutorial on Amigas
E085 NODDY PLAYTIME demo >Very good
E080 KID PIX more excellent paint programes
E081 D.T.P FOR KID easy to use. excellent
E092 SING A RYHMES sing a song
E094 HIGH WAY CODE TUTOR question on highway code E096 READ & LEARN (2D) THREE LITTLE PIGGY Story
E097 BACK TO SKOOL vol 1 collection of the best
E098 BACK TO SKOOL vol 2 in education programe
E099 BACK TO SKOOL vol 3 & games. RECOMMED

E100 LITTLE TRAVELER information on world wide
E101 WORLD GEOGRAPHY world with map & text.
E103 DISCOVERY OF THE ATOM. tutorial on the Atom (2D) E1
DESK TOP GUIDE TO MUSIC(3D) guide & tutorial
E107 TRUMPTY FIREWORK ALPHABET Very entertening wa
teach your child the ALPHABET
E108 HOW TO DELOVOPE PHOTO 1 (2) Excellent
E109 MR MEN OLYMPIC (2D) many event to complete
E110 CULT TV DATABASE (2D) info on early TV series
E112 HOW TO DELOVOPE PHOTO 2 (2) delevope your own. E
ELETRONIC WORLDS(3D) Complete KJames BIBLES E116 H
THE EARTH BEGAN-theory how the BIG BANG explode and ca
all the star & galaxy
E118 WORKBENCH 2 tutorial on Work Bench 2
E119 DINO WAR Quiz on dinosaurs
E120 JUNIOR MATHS Great learning aid for teach kid on the ma
subjects. RECOMMEND
E121 PICTURE PUZZLE brillant JIGSAW type games

KID DISKS 1,2,3,4,5

Excellent collection of education programs ideal for teach kids various subjects while retaining the fun & game ele ment. 5 disk only £4.99 or order separately for only 99p per disk. Order Code KID DISK & no 1-5

E122 WORD FACTORY Brillant, teach kid words
E123 KID DISK 1- Brillant education pack E124 KID DISK 2- mo
education programe
E129 KID DISK 3 (DTP)- Drawing program for kid
E142 KID DISK 5 & 6 - 2 disk full of brillant games
E125 JURASSIC PARK lots of info on dinosaurs
E126 CHILDREN SONG 2 contain 5 excellent song
E127 MING SHU (A500 only)Bril Chinese Astrologgy.
E128 ASTRO 22 PRO.V3-The latest astrology program that acc
calculate the position of the planet, eclipe, zodiac position ect.
Recommend
E130 FRENCH VERD TESTER should help you with french. E1
CULT TV DATA BASE II (2 DISK) info on early TV
E132 WORLD HISTORY BOOK
E133 LITTLE TRAVELLER II (2) Infomation on world wide
E134 X-FILES-Guide to the TV series very interesting
E148 CHESS & TUTOR - FULLteach you how to play chess E1
INTERNET-FULL guide to internet & superhighway
E161 CLI & SHELL TUTOR (help) Ideal for beginner
E162 DELUXE PAINT GRAPHIC TUTOR V 3 & 4 RECOMMEN
E163 JAPANESE - teach you the japanese language
E164 PAINT IT (not A5001.3) latest COLOURING BOOK
E165 KEY BOARD TRAINER An excellent tuping tutor
E166 WORD POWER- spellcheck/crossword solver/teach E16
CROSSWORD CREATOR-design crossword
E169 CHESS II & TUTOR brillant Chess II games
E170 HISTORY OF AVIATION Vol 1 Excellent disk
E171 CHILD FAVOURITE-Education prog
E172 ANIMAL LAND-Learn about animal
E175 FRANTIC GUIDE TO COMPUTER (2D) brillant & funny E1
CYBER PUNK 2 for cyberPunk freak only
E178 STAR-TREK & STARTREK NEXT GERENATION GUIDE
must for startrek fan contained 100s of picture from the startrek
SERIES. 2
E181 SIGNATURE CREATOR customise your own signiture. E1
VIRUS WORKSHOP V4 comprehensive guide
E184 IMAGINES VIDEO 2disk
E185 WORKBENCH 2/3 GUIDE On line help/Complete
E210 LEARN & PLAY 3 Latest Education & Games
E240 BARNEY THE BEAR GOES CAMPING (2d) Brillant teach
child about animal
E241 COMMS GUIDE V1.1 beginner modem user
E242 GUIDE TO WEATHER (3d) superd com[plete guide to the
weather. recommend
E245 MATH ATTACK- Maths relate games for kids
E242 ANIMAL-LAND-ideal for young kid. Execel
E243 PICTURE-MATHS-Maths program for kids
E246 BEGINER GUIDE TO WB 3 (A1200 only)
E247 GLOBE FACT(2) fact about planet earth
E248 KID ONLY. 6 excelent game to play with
E250 SANTA -Help santa collect present games
E251 BIRSTHDAY HISTORY V2.2-
E252 BAR-TENDER-recipt for 1000 drink/cocktail
E253 BEGINNER TYPING TUTOR

NEW *EDUCATION 21 GAMES pack*
Latest education pack & new 21 games collection (5 disk packs) only £4.95

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 ASSASSIN GAMES 1-200 ETC

VARIOUS PACK

Any pack comes on 5 disks only £4.95 per pack

COLOUR FONTS pack (1 or Pack 2)
MONO FONTS Pack (1 or Pack 2)
High quality fonts for use with DPaint of Personal Paints

VARIOUS CLIPART pack (1,2,3 or 5)

COLOUR WORLD MAP (Pack 1,2 or 3)
High quality world map

COMPUTA-GRAPHIC FONT (Pack 1,2,3,4 or 5)
High quality font for WORDSWORTH or any DTP

IMAGINE VARIOUS OBJECT(Pack 1,2 or 3)
REAL 3D VARIOUS OBJECT(Pack 1,2 or 3)
LIGHTWAVE VARIOUS OBJ (Pack 1,2 or 3)
TRUE FONT FOR ABOVE (Pack 1,2 or 3)
(Please state for which pack above)

We also stock many more packs. Please Phone

COMMODORE C64 V3

SCREEN SHOOT FROM AMIGA

The very latest version. Now you can play real Commodore C64 games on your Amiga All pack below are complete & ready to play directly on your Amiga. Printed instruction provide

C64 & 45 original games............£4.99
C64 & 100 original games...........£8.99
C64 & 200 original games.........£16.99

Ps. C64 & 100 games pack got 88% review in Amiga Shopper Issue 54

ZX SPECTRUM 48K

Now You Can Play 100s + 100s Of Spectrum 48K Gameson Your Amiga. Any Pack Below Is Complete & Ready To Run On Your Amiga. Full Printed Instructions Provided

SPECTRUM & 50 GAMES PK1 ONLY £4.99
SPECTRUM & 100 GAMES PK2 ONLY £7.99
SPECTRUM & 200 GAMES PK3 ONLY £11.99

SPECIAL OFFER
Take All 3 Packs Above & 50 New Spectrum Games For Only £19.99

More spectrum games available
<.......screen shot from AMIGA

Special offer

C64 & 45 games pack
Spectrum V2 & 50 games
Vic20 & 30 games

All 3 packs for only £9.99

SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES pack

See left for details. This pack come on very large number of disks. rrp £39.99

NOW ONLY £29.99

+ £2.45 for parcel postage (this is due to the large number of disks in this pack)

AGA A1200 & A4000 ONLY

THIS LISTING ARE FOR USE WITH AGA AMIGA

AGA001 EXTENSION DEMO Stunning demo, fast landscape anim and a rotating city, regard the best AGA demo
AGA002 FRACTAL GENERATOR fractal in 256 colour.
AGA003 WORKBENCH HACK many hack/toy/blanker ect
AGA006 NEW SUPER KILLER know kmow & kill over316 type of virus must for all A1200 owner
AGA007 MINDWARP very first demo for the A1200
AGA008 KLONDIKE DELUXE AGA (3D) the best A1200 cardgames with glamours lady as cards face 18 + only
AGA011 SLEEPLESS NIGHT 3
AGA012 PLANET GROOVE Truly A1200 Demos
AGA013 MOTOR INVADER 2 (2D) Brillant INVADER game
AGA015 POINT OF SCALE Great A1200 only demos
AGA016 CHROMAS- Fairly good demo.
AGA017 WORLD OF MANGA (4DISK) magnificent Japanesecomic side show include Japanes Chick ect recommend
AGA021 MAGIC WORKBENCH Improve the look of your WB& add some function to your WB really BRILLIANT
AGA022 WB 3 UTILITIES load of Wb 3 only utilities
AGA023 U-CHESS the best chess program games sofar but require 4 megbytes. Brillant graphic
AGA024 WORKBENCH 3 SCREEN Great back drop
AGA41 ADULT SLIDE Vol 1-9 (2 disk each) *see below
AGA62 BODY SHOP VOL 1-7 (2 disk each) *see below
AGA80 FITCHICK vol 1-3(2disk each) *see belowto order any disk above just state disk code &volume no? (remember 2 disk per volume)

DEGRADER

AGA090 A1200 FIX DISK COLLECTION 1
AGA091 A1200 FIX DISK 2 COLLECTION 2
AGA094 RELOCKIT V1.4a latest. run A500 SOFTWARE
AGA306 A1200 FIX DISK VOL 3 (new july 95)
All disk above are design to make any old A500-A600 Amiga programe/games ect to run on your A1200/A4000 MUST FOR ALL AGA AMIGA OWNER. RECOMMEND

AGA097 A1200 UTIL - AGA TESTER, SYSINFO ect
AGA098 ACTION REPLAY V4 Complete ACTION REPLAY.
AGA099 MADFIGHTER 2 brillant street fighter clone
AGA100 AGA BLITZ SCREEN BLANKER
AGA101 FAST GIFF 2 display GIFF pic In Workbench.
AGA102 AGA DIAGNOSTIC - NEW system tester
AGA103 BLACK BOARD AGA decent Image processor
AGA105 QUICK GRAB AGA -grab AGA screen PICTUREAGA110 WORLD BEYONDS 1 (3) stunning 256 COLOUR fantasy art. esse atari userbreathless
AGA114 SMELL LIKE CHANEL NO5 brillant demoray trace picture ever release on the A1200
AGA121 MAGIC FACTORY 1 STAR TREK (5 disk)
AGA133 AGA UTIL v1&2 (2) AGA util compilation
AGA135 AGA UTIL V3 &4 (2) more of above
AGA137 MULTIBOOT- 4 various version A500 EMU
AGA138 OFFICIAL WORKBENCH 3 HARDDRIVE INSTALLER
AGA139 WB3 HARDDISK PREF & INSTALLER installing
AGA140 CROSS DOS PLUS v5.1 read/write PC files
AGA142 SUPER LEAGUE 3 -latest manager games
AGA144 SPEAK & SPELL - educational software for kid
AGA145 BIG TOPS (18 + only)HMMmm
AGA146 KELOG LAND -brillant platform games
AGA150 ACTION REPLAY V5 - NEW UP DATE TO V4
AGA160 GIGER TRIZ very playable 256 colour tetriz
AGA162 FATAL-BLOW new STREET-FIGHTER 2 clone
AGA164 CINDY CRAWFORD Vol1 (2 disk) latest release
AGA166 INFESTATION (3 disk) The ultimated AGA demo
AGA170 CINDY CRAWFORD Vol II (2disk) amazing
AGA172 VIDEO TRACKER AGA-ultimate demo maker
AGA174 MAGIC WB EXTRA vol 1 & 2 (2disk)
AGA180 GIF BEAUTIES Vol (11-18) 8 more girls disk
AGA189 FRIDAY AT 8 another brillant AGA demos
AGA190 ASSASIN MULTIVISION AGA pic viewing util
AGA192 ALIEN FRENZE 2 player blasting +power up
AGA194 BIG TIME SENSUAL (2disk) SPACE BALL 2
AGA200 MASQUERADE 2disk brillant puzzle games.
AGA202 RAM JAM 94 it cat be done (2disk)
AGA203 EXPLOIT 2 DEMO new effect welldone.
AGA204 COMPLEX ORIGIN 2disk require 2 diskdrive
AGA206 TREASURE OF TUTANKHAMUN- eductaion tool
AGA230 LOVE 2 disk-simply brillant DEMOS
AGA231 AGA UTIL 7 & 8 (2 disk) ,More USEFUL util

AGA234 KNOTTY-Stunning AGA sliding pictre puzzles
AGA240 LOTTERY WINNER hope fully will improveyour chance of winning a jack pot..GOOD-LUCK
AGA241-258 AGA GAME-GALORE AGA 01-18 lot of games
AGA251 PACKMAN AGA -the best pacman yet
AGA252 ROCKET PD - Super thrust clonebrillant graphic for 1 or 2 player
AGA253 REAL DEMO stunning special effect
AGA254 DIRT AGA Brillant 256 colour effect.
AGA255 DELIGHT EXPLORE exclient demo
AGA256 KEFEREN AGA Demo lot of effect
AGA257 MINOMIST RAVE great rave music.
AGA258 OXYGENE Fantastic demo
AGA259 INTEL-OUT another very good demo
AGA260 SOMEJUSTIC94 Demo of the monthbrillant whirl effect. RECOMMEND
AGA262 TO THE DEATH very good STREET-FIGHTER clone with very good graphic.
AGA263 GEORGE GALAXO (2disk) brillantmultilevel shoot/platform game. RECOMMEDN
AGA265 MISSILE OVER ZENON (2disk) Brillant3D missile commander with fantastic graphic
AGA266 TEAM-HOI DINO PLATFORM excellent dinoplatform Note:this disk was a commercial games
AGA274 MUSIC 2 SURVIVE 2disk 8 excellentmusic master piece. well worth getting
AGA271 RAVE MAXIMUM OVERDRIVE II (2disk)
AGA278 CHANNEL Z ISSUE 1 (AGA) (2disk)
AGA base disk magazines. RECOMMENDAGA disk magazine topic.demo/music
AGA285 WORKBENCH BACKDROP VOL 3
AGA295 DE-LUXE MONOPOLY- Board game.V addicted
AGA296 DONKEY KONG Arcade classic conversion
AGA297 BOMB PAC Extreamly good to play
AGA298 ROCKET 2 set deep underground brillantgraphic. even better with 2 player
AGA299 SCRABBLE-Now fully run on all Amiga
AGA300 MAGIC WB V2. Demo of version 2
AGA302 TUTANKHAM II(2) Education-Egyptian MUMMY
AGA303 PAMLA ANDERSON.(2) 18+ only BayWatch Babe
AGA304 BODYSHOP V8 (3) more bikini beauties
AGA305 TIMEZONE (2) V.Good graphic adventures.
AGA307 DENTAWOLF dooms demo
AGA308 NAXIS -Really show what AGA graphic co do
AGA310 FEARS (2d)- dooms clone demo
AGA312 JINX (2d) Fantastic arcade puzzle
AGA313 RAM JAM THE TASTE DEMO.very wicket demo.
AGA315 ILEX MYSTIC. New AGA demos
AGA320 KLONDIKE 3 (4disk) Hd require & 2meg+we aslo have a list of 25 cards for above.
AGA321 HOT-BABE 1 (2) MUST BE OVER
AGA322 HOT-BABE 2 (2) 18
AGA323 HOT-BABE 3 (2) BEFORE
AGA324 HOT-BABE 4 (2) ORDER ANY
AGA325 HOT-BABE 5 (2) OF THE HOT-BABE PACK
Hundred of quality Magic wb icon & back drop
AGA388 DESK-TOP MAGIC- 32 animated screen blanker
AGA389 WAR OF THE WORLDS -full 3D games
AGA390 FEAR 2. Brillant 3D graphic games like
AGA391 PSSST Amiga version of Spectrum games
AGA392 CHILD MURDER(4)Horror graphic adventure
AGA390 FEAR II -Brillant 3D game play just likeDOOM on the PC Garrenteed you impress.
AGA393 PC EMULATOR V3- Latest PC emulator
AGA400 HYPER RACE (2) Super racing games
AGA410 CINDY CLAWFORD (3) new
AGA411 ELLE MACPHERSON (3)
AGA412 CLAUDIA SCHIFFER (3)
AGA413 BIG GIRLS II (3)
AGA414 GIRLS GIRLS (2)
AGA415 NIKY TAYLOR (2)
AGA417 KYLIE MINOUGE (3)
AGA418 FEMALE BODY BUILDER (3)
AGA419 EXCELLENT CARD GAMES 3 latest
AGA420 POKER & BLACK JACK DELUXE (3)4MEG
AGA421 COLOUR WB make your WB more colourful
AGA422 RIDGE RACER Demo on the Amiga.
AGA423 DRUG STORE DEMOS (2disk)
AGA424 DREAM WALKER (2) Demos
AGA425 MYSTIC DEMOS(2) 95 excellent demos
AGA426 ORIGIN 2 (2 DISK), Amazing

← SEE PAGE 1 FOR MORE SOFTWARE FOR YOUR AMIGA

SOFTWARE2000 DOUBLE CD CONTAIN

OVER 1965 DISKS

SOFTWARE 2000
Over 1965 disks
2 CD SET VOLUME 1

This is the big one! Nearly 2000 original disk from the SOFTWARE2000 library included on a Double CD set. For title list just take a look at this Doubles advert for example of titles & packs which can be found on these CDs. No lucky dip or unknown software. Full description on every disks/titles. Very easy to use menu-system on both CDs. This unique menus system lets you explore the contents of both CDs without disc swapping....., Excellent. See below.

EXAMPLE OF DISK CAN BE FOUND ON THE DOUBLE CD SET

294 VARIOUS UTILITIES DISKS,
252 ANIMATION DISKS,
181 AGA DISKS,
92 TOP SAMPLE AND FX DISKS,
118 EDUCATIONS DISK,
133 DEMOS,
225 MUSIC DISKS,
18 DEMOS (Adults only)
402 +VARIOUS GAMES DISKS - With an estimate of around 1000 Amiga games,
50 LATEST MAGIC WB & BACKDROP Versions for all Amigas also includes **100's of Imagine Obj, 600 Amiga fonts, 100's quality B&W & colour clip art** & many more

ALSO INDLUDED ON THE CDS ARE

OVER 1000 NEW Spectrum Games (Play direct from CD)
& Both Never been released on any CD Roms
AROUND 700-1000 NEW C64 Games Files (EMULATOR INCLUDED)

☑ Over 600MB per CD
☑ Menu Compatible with All Amigas
☑ No duplicate of data
☑ Very Easy to use Menu

RRP £34.99 NEW PRICE

2 CD SET Now Only **ONLY £24.99**
+70p for P&P

Available Now

Below 5 all new games pack release due to the ever popular. With any of these games packs, You know exactly what sort of games you're buying.

Like our previous packs, each pack comes on 5 disks and using the latest disk packer we can put upto 5 games disks on to one disk. So you get upto 25 top games for only £4.99. All games & Instructions will auto run when you click on icon. * All Games pack contain different games * Compatible with ALL AMIGAS

Board Games Pack 3 (5 disks) £4.99
Arcade Games Pack 3 (5 disks) £4.99
Puzzle Games Pack 3 (5 disks) £4.99
Card Games Pack 3 (5 disks) £4.99

Non CD rom Owner

This pack is ideal for any Amiga owner who does not own a CD Rom drive and want large amount of the very latest software at minimum cost.

These packs will be 100% update with all new or different software on the 1st of every month, all software is packed using LHA which have a ratio of approx 3-1, (upto 10 disks worth of software from the 10 disk pack). Highly recommend as you will get 3 x more software per disk

Various latest Games (10 disks) only £9.90
Various latest Utilities (10 disks) only £9.90

18 DEMOS

MUST BE 18 OR OVER

X80 CINDY CRAWFORD (2)
X74 MADONA (SEX) (3)
X01 SHOWER GIRL
X03 BODY TALK (2)
X09 MARIE WHITTAKER
X24 SABRINA SPECIAL
X25 DIE FILKINGER
X26 MADONA EARLY DAY
X28 KATHY LLOYD
X30 MEGA-MAID
X31 CALENDER GIRL
X32 MAY FAIR
X33 UTOPIA (4 DISK)
X45 GIRLS OF SPORT
X49 PAGE 3 GIRL
X70 GON GON GIRL
X71 TINA SMALLhot
X91 CINDY CALENDAR 95
X96 HOT BABE 1
X97 HOT BABE 2
X98 HOT BABE 3
X99 HOT BABE 4
X100 HOT BABE 5
X101 BIG GIRL II
X102 FEMALE BODY BUILDER
X103 GIRLS GIRLS
X105 ELLE MACPHERSON
X106 CLAUDIA SCHIFIFER

NEW TITLES

G938 ULTIMATE TOUR TENNIS (2 disk) Excellent tennis games
G939 DARK ANGEL - (not WB 1.3) Superb arcade adventure
G940 RAISE THE TITANIC - Good 3D Adventure game
G941 PHANTOM - excellent shoot games (DEFENDER 96)
G942 MACDONA-LAND - Brilliant game similar to ZOOL (not A1200)
G943 JOUST III - Brilliant C64 games with update Amiga graphic
G944 DELUXE GALAGA V2.6 - Ther Very Latest Galaga. Hi Recommend
G955 LAZER RACE - Good Tron type extremely addicted to play
G956 TRAIN-DRIVER SIMULATION - The most realistic train sim
G957 MASTER-BLASTER - Kill various monsters with bombs
G958 KNOCK-OUT - Mini destruction derby, very addictive
G959 DUNGEON HERO - 3D Graphic adventure similar to DOOM
G960 MORTAL KUMQUAT 3 - Weird but fun beat-em-up
G961 CODE NAME NANO - Superb Thrust clone (NANO FLY 2)
G962 MICRO MARKET V3 - Get rich by buying shares. Great games
G963 POKER-MANIA - if you like poker then this is for you
G965 LETHAL FORMULA - Adventure similar to Monkey Island
E253 BEGINNER TYPING TUTOR
E254 WORD PUZZLE PRO - Create Crossword puzzle or solve puzzle
E255 KID DISK 7 - Another very fine education program
E256 EARLY LEARNER (age 3-5) teach your kids how to read
E257 A-Z COUNTRY OF THE WORLD
E258 UK COUNTIES - Similar to above but this is based entirely on ENGLAND, WALES, SCOTLAND & NORTHERN ISLAND
E259 BASIC ELECTRONIC V1.5 (2 disk) for Electronic fan
E261 MASSIVE GUIDE TO THE INTERNET V2.3
AGA429 POWERDROID-96 - New Asteroid with brilliant graphics
U1010 WB2 INSTALLER - install A500/A600 workbench to HD
U1011 TURBO-CAT PRO V1.2 (not WB 1.3) create catalogues
U1012 TEXT-ENGINE V5 (not WB 1.3) The very latest word processor with spell checker. This is the full version highly recommend
U1013 DIARY-2000 - use just like the real diary
U1014 TOTAL EXLIPS - Disk Magazine 1
U1015 NEW CHEAT DISK V2.1 (2 disk) include some games Fix
U1016 ULTRA ACCOUNT - Another very good account program
U1017 PRO LOTTERY 96 - The very latest & best lottery program
U1018 PRO GREY HOUND - Like ProGamble but for dog
U1019 AUTO STEREO GRAM V4 - Latest Magic eye generator
U1021 ELECTRONIC ADDRESS BOOK
U1022 PRO-FOOTBALL 1.1 (2) - Football predictor like ProGamble
U1023 REMDATE - Remind important date
U1024 SHAPE-SHIFTER V3.3 The very latest Mac emulator
U1025 MESSY SID 3 - The latest PC<>AMIGA disk converter
U1026 HD GAME INSTALLER 4 - install loads more games to HD
U1027 SOFT-MEMORY - Double your computers memory. This version does not require HD or MMU. Give this a try Recommend
U1028 MAGIC-USER-INTERFACE V3.1 update to version 2.3
U1029 ORIC 48K EMULATOR (Not 1.3) At last it work
U1030 MSX II Emulator v2.1 (WB3.0) MSX computer on
U1031 900 AMIGA GAMES HIT & CHEAT V4 (2 disks)
U1032 VIRUS CHECKER V8.2 (not WB 1.3) Latest

LOTTERY WINNER

NATIONAL LOTTERY

EXCELLENT COLLECTION OF VARIOUS LOTTERY WINNER PREDICTION PROGRAM
HIGHLY RECOMMEND
Pack only £4.99

UFO THE CLOSE ENCOUNTER

100s & 100s of real life documents of UFO sightings, kidnappings & Animal mutilation and many more. Very interesting read 6 Disk set only £5.99

UFO - ALIENS

MULTIMEDIA

100s of documented cases on UFO sightings, abductions, Cattle mutilation & many more. Many with photo to back up the claim. some are so secret only released recently by law

9 disk pack only £8.99

CARD GAMES

PACK II

FOR ALL CARD GAMES FANS. If You Like Poker, Black Jack, Spade, Pontoon, Solitaire, Bridge, Klondike etc then this pack is a must

Only £4.99
This pack contains 5 disks

BUSINESS SOFTWARE

U007 TEXT PLUS 2.2e easy to used word processor
U023 BANKING Home account program
U088 LABEL DESIGNER design your own labels
U087 CALV 1.2 Excellent Database prog. RECOMMENDED
U144 DESKTOP PUBLISHING The best PD DTP available
U128 BUSINESS CARD MAKER (not A1200) brilliant
U180 600 BUSINESS LETTER very handy. Get it now
U811 BUSINESS CARD MAKER - can Print in colour
U101 DATA BASE WORKSHOP (2) brilliant PACK
U121 SPREAD SHEET Very easy to used spreadsheet
U183 QUICK BASE Very powerful Database. Easy to use
U112 RIM DATABASE powerful database + full DOC
U195 AMIBASE - Professional II The best database yet
U227 TEXTRA Can edit several documents at once
U239 FLEXI BASE Small easy to operate database
U256 PENNY WISE very powerful database
U297 VISICALC Great database lots o functions
U356 TEXT-ENGINE V3.4 - full feature wordprocessor
U343 LITTLE OFFICE - database/wordprocessor/spreadsheet
U345 HOME BUSINESS JOURNAL - easy to use database
U357 BON APPETIT DATABASE many receipt
U364 HOME ACCOUNT - Account program
U368 AMICASH regarded as the best account prog. Excellent
U369 JOURNAL full feature account program
U385 LORAN NOTE BOOK database & world map
U390 DATA BASE compilation - best sell to date
U398 MORTGAGE CALC calculate mortgage repayment rate etc
U426 MONEY PROGRAM very good account program
U437 ACCOUNT MASTER V2.8 new account program
U520 HOUSE INVENTORY - ideal for home insurance
U559 ADDRESS PRINT V2.1 store & print addresses
U567 TEXT-PLUS V4.0 pro requires HD & 2meg
U681 TEXT ENGINES V4.1 latest 38,000 word spellchecker
U686 INVENTORY 2 details of home contents, for insurance
U712 EDWORD PROFESSIONAL truly the best wordprocessor
U722 EASYCAL + massive spreadsheet max 92583 cells
U756 PAY ADVICE ANALAZER - money prog.
U802 ADDRESS PRINTING print addresses on labels
U889 PAY ADVICE V3 account program
U810 LABEL MAKER - print labels etc. new
U900 THE MONEY PROGRAM - Accounts
U901 LOANS ACCOUNT
U934 ONFORM One of the best Invoice makers
U959 ACCOUNT MASTER V2.2 (latest) program
s up to 1000 entries per account

LITTLE OFFICE 2

New Release includes
550 Business Letters
Word Processor
Calendar
Name & Address Database
All this for only £1.99
COMPATIBLE WITH ALL AMIGA

Harddrive & disk drive space doubler

Epu V1.6 this doubles the size of your HD or DISK Drive storage capacity. RECOMMEND
U871 EPU V1.6 only .99p
SUITABLE FOR WB2/3

HARDWARE PROJECT III

Build dozens of project. include an a accelerate for an A500 for less than £15 install 3.5 HD in your A600 & A1200. Put your A500/A600/A1200 in a towercase for less than £30. Use 1.44 PC disk drive on your Amiga. Add an Pocket Modem to your Amiga & many many more this could save you £££... (not for beginner) .... 3 disk pack only £5

MAGIC WB & EXTRA DISK

This is the cheapest way to obtain Magic WB extra. Each pack below will fill 12 disks when unpacked. (very easy to unpack via click a few button)

MAGIC WB EXTRA PACK (01-12) 1 .... £6.99
MAGIC WB EXTRA PACK (13-24) 2 .... £7.99
MAGIC WB EXTRA PACK (25-36) 3 .... £7.99
AGA21 MAGIC WB V1.2 THE LATEST MAGIC WB FOR A1200
U995 MAGIC WB 1.3 this is for the A500 1.3/A500plus & A600

Magic BackDrop

This is ideal for use with Magic WB or normal A1200 WorkB (WB2 users require NICKPREF to use the backdrop)

Various Back Drop I (4) £3.99
Various Back Drop II (2) £1.98
Sexy BACKDROP £0.99
NEW AMIGA LOGO BD £0.99
Magic Scenery BD (2) £1.98
Glamour Face £1.98
All New BackDrop 96 (5) £4.95

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 ASSASSIN GAMES 1-200 ETC

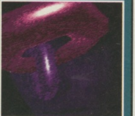
PD Scene

public domain

Anthony Brice packed up his troubles in his old kit bag and went off in search of what the world of public domain had to offer. Here's what he came back with.

Revolution

AGA demo



This is an interesting demo I picked up on my travels. It's actually been written by a few English guys which is, as far as I'm aware, quite rare these days, as most of the demo stuff seems to come from abroad.

Revolution is pretty standard fare, but it's all done nicely and all of the still-screens used as a backdrop for the vector balls and doughnut routines are pretty tasty. I recognised one of them from the movie Hackers that came and went a few months back. Also worth mentioning is the funky music track, complete with metallic voice screaming the demo's title at you when you first fire it up. It sounds a bit like the Pet Shop Boys – no bad thing – and kept me watching quite a while after the effects had finished as it played in the background.

There are few better intros out there for those who really get into them, but for the casual observer, this one's definitely well worth viewing.

Revolution

Available from:
AminetPath:
demo/aga/
revolution.lha

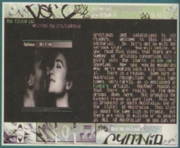
82 %

Demo of the Month

Defy 6

Australian Scene disk magazine

Now this is what I call a decent disk magazine. It's very nicely laid out and has lots of images to go with the smaller articles. The very professional front-end makes it very easy on the eye. It also looks great with the green/white and grey colour scheme and the navigation around the pages is handled very intuitively via cursor keys or mouse.



The Editorial
Written by Cre/Cydonia

Greetings and salutations to all readers. Welcome to this issue's editorial. So let's get on with the serious stuff.... You will notice, as you read this issue, that there are a number of articles concerning Defy's entry into the charts in Dan Jam's Showtime. Now you may be wondering why we're making such a big fuss over it. There is a reason. Down here in Australia, recognition of this type comes very rarely, as is mentioned in Kimba's article. Another reason is that there are really so few demo groups down here. But probably the biggest reason is pure size. This mag is produced in South Australia, one of the states of Australia. This state is about the same size as France. But there are only 16 million or so people in ALL of Australia! So you can see

Defy 6, (I presume there were a previous five issues of the magazine), is an Australian 'Scene' magazine that goes a lot further than a lot of the other efforts that concentrate on purely Amiga related material and has a huge variety of articles covering other interesting material as well. For example, there are pieces on degrading your system for running poorly written demos that won't work with all Amigas, an interesting read on IRC and information for good Amiga places as well as a reply to Aminet's controversial decision to ban the use of DMS archives.

Apart from Amiga-related material, there's also some stuff on PGP, a great piece on humourous answer-phone messages and much more than I can fit into this space. I could have done without some of the more poorly written articles by the dedicated 'scene' writers, but the good stuff far outweighs the bad. This is great stuff indeed! It's definitely well worth taking a look at.

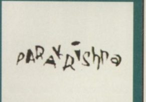
CYDONIA
DEFY
6

Available from:
AminetPath:
demo/mag

90 %

Parakrishna
party five demo

And now for something just a little bit different. For those with a little taste for the extraordinary, have a look at this. However, if you're offended by anything taking a poke at religion then leave it alone.



Amongst the messages regarding the supposed bad-vibes in the scene right now, you're treated to exploding hari-krishnas. Some of us may find this amusing, but others not. If nothing else, this demo is different even though the music is a bit repetitive.

Look up there! Is it a bird? A plane? No, it's a hari-krishna on a parachute. If you don't know what I'm talking about yet, get this demo and you'll get the idea.

Available from: Your Choice PD, 39 Lambton Rd, Chorlton, Manchester M21 0ZJ. Tel:0161 881 8994. Price:£1.50 plus 70p P+P.

82 %

Severed
AGA demo

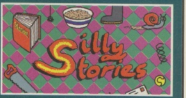
At last a themed demo. Too many of the recent batch have all been just fancy graphical effects bolted into a few sequences to show off new ideas without any real thought in presenting them in any themed manor. OK, so that's probably not really the idea of creating a demo in the first place but it certainly makes a change and Severed gets praise for that as well as being pretty neat in its own right. Apparently it also won second prize at a convention called Abduction 96 as well which should prove its pedigree as a worthwhile download despite being nearly 2Mb in size. Set in a medieval theme, Severed opens with a castle backdrop and several rendered images of helmets, axe handles and the like doing the rotation thang. The backdrop changes every few objects to relieve the samey-feeling with suitable pictures for the setting such as ornamental scrolls and between these effects there's a short slideshow of some very nice aga hand-drawn artwork which is more than pleasing to the eye. Cut to the end and the music changes tempo to a dramatic piece complete with severed head bouncing around the logo. Very graphic and not for the squeamish. I loved it. Recommended.

Code
Braindead

Available from: AminetPath: demo/aga/severed.lha

89 %

Silly Stories
word game



A regular CU Amiga Magazine reader, Paul Riggs, has come up with a very entertaining game called Silly Stories which will run on any Amiga with 1Mb of memory. Written in Amos, Silly Stories lets you type in a list of words which it will then output into a story for you, which, depending on your choice of words, can create very funny results. I had great fun playing around with it, and, due to Paul's clever idea of storing multiple banks of words which you can store on disk and recreate classics at a moments notice, there's potential here for a lot of laughs. Think of the fun you could have especially when there's a group of you playing the game who have just come back from the pub. And no, we at CU have no wish to learn what words you use after all-night drinking.

Another clever idea in the game is the use of different templates that use your words, such as the history lesson and diary. These add long-term appeal and playing around with the game is great fun due to the multiple silly samples playing in the background which had me in stitches. Very good fun, especially with a group of you competing to see who's is best. And remember: no swearing!

Available from: CU-CD 4.
Price: FreeWare

82 %

Television
AGA demo

To date this ranks as the most bizzare demo I've ever seen. I recommend you take a look but you are going to need a reasonable-spec Amiga to be able to run it. The file alone uncompressed is over two and a half megabytes and needs an 030 machine with an extra 4Mb of fast RAM. If you qualify then grab this and see what it does for you.

Television is, according to its creators Bizzare Arts, an experiment in overlaying demo effects across video output. It looks like they've used grabs from movies here for the backdrops as there are scans of cars skidding and market places, although they must have had a video camera for some of the work as they put themselves into the film.

Very drab colours are deliberately used on this footage to make it stand out and combined with the creepy music which I thought was superb, its a very impressive piece of work. Well worth a look if you're after something a little different from the run-of-the-mill effects these days.

Available from: AminetPath: demo/aga/BZR_TV.lha

88 %

PD Utilities

public domain

From art through to Arexx there's something for everyone in this selection of public domain goodies as chosen by Anthony Brice. It's all here and at a knockdown price too. What more could you ask for? (cheeky replies not welcome)

NetSurfer volume 6

various tools

This is not, as the title would lead you to believe, a compilation of tools for the Internet. However, this disk has been obviously designed to have something that appeals to everyone.

For a start, AMOS owners will like it as there is an assembler for the serious code-heads as well as a starfield generator for shoot 'em up lovers. Unsurprisingly there is yet another new Trashcan (why do they keep writing these things?) similar to the Macintosh one which stores deleted files like a cache so you can access recently deleted files if you decide not to kill them after all. We also have AppMore, which performs specific functions with particular files when dropped onto its window, similar in style to Class Action (reviewed last month) but not as pretty.

As well as a disk tester there are a couple of disk tools as well, namely DosPrefs, which lets you use Unix wildcards and enable 'no-click' on floppy drives. Finally there is a module to sample conversion tool along with a Prime Factor generator which shows prime factorisations of given numbers, n1, n2 etc. Exactly what the doctor ordered.

Available from: Roberta Smith PD Library, 190 Falloden Way, Hampstead Garden Suburb, London NW11 6JE. Tel: 0181 455 1626. Price: 90p per disk plus 50p P+P.

Drop an IFF onto AppMore and your picture is displayed...

74 %

Utility of the Month

MUIRexx 2.1b

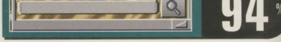
ARexx MUI app creator

Ever dabbled in ARexx programming? If not then skip past now. The same goes for those of you who hate Magic User Interface.

Still here? Good. MUIRexx lets you create front-end GUIs using the powerful features of MUI with simple ARexx scripts. A lot of programs now offer an ARexx port, allowing them to be remotely controlled from script files. This is ideal for automating tedious tasks such as image processing and batch operations.

It is actually possible to create full applications using MUIRexx, as the example demos prove but most people will probably use it purely to generate GUI front ends for scripts that control larger applications. To make life easier there's even a builder program to help you create the front end GUI so you can put the rest of the script into place later on. Have a look at the pictures here to see the results you can achieve. MUIRexx doesn't yet support all of the functions within MUI but there's enough to be going on with. Be warned that you need to read the docs and give it some time before you get really good results. Requires OS3.0+. Very highly recommended.

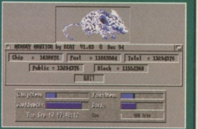
Available from: Aminet path: dev/mui. Price: Freeware



94 %

Of Mice and Mem

mice and memory tools



Chip = 1638872
Fast = 11663504
Total = 13294376
Public = 13294376
Block = 11552360
Tue Sep 18 17:48:12
98% free

Another compilation disk, and what a great title. I booted this up expecting some badly spelled text file of the works of Charles Dickens but soon caught on. Of Mice and Mem is actually a group of useful tools and hacks relating to mice and memory, along with a program for handling assign requesters which seems strangely out of place.

The stuff here ranges from standard tools for displaying available memory, of which there are several, and a couple of handy commands for redirecting where the Amiga looks for mouse input so you use the joystick port if you've broken the original.

There are a couple of small hacks including one that lets you emulate a middle mouse button from the keyboard, and a very strange program that gobbles all your memory – useful for testing applications in low-memory environments. Personally I would just use MUI for that kind of task. It's rather good at it.

Overall there's not much here that you can't do with one of the commodities such as MCP or MultiCX, but it's a good compilation in its own right if you ever have problems with either of the two subjects covered, as one of the programs may be able to help you out.

Available from: Roberta Smith PD Library, 190 Falloden Way, Hampstead Garden Suburb, London NW11 6JE. Tel: 0181 455 1626. Price: 90p per disk plus 50p P+P.

73 %

DoodlePaint 2.1

art package

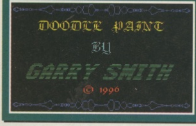
DoodlePaint is a nice program flawed by the limitations of Amos, which was the programming language used for its creation. Easy enough to use, it has some nice graphical tools that usually only show up in superior commercial art packages such as Brilliance. However, it sluggish to use and the GUI is unfriendly.

Among the effects on offer are the usual freehand bits with lines, boxes, pattern-fills and circles. You also have more interesting effects like blur, spray and shapes, using triangle and rhombus which appear to be unique. You can even overlay starfields which suggests that these ideas have been bolted on through revisions as the author came up with them.

There are some options generally associated with more advanced software, like brushes (you can flick between nine that are stored in memory, which is clever) but there are major flaws. Changing screen modes results in the loss of the current picture, there's no spare screen and you're limited to IFF formats without AGA.

The documentation claims you can use HAM and later contradicts itself stating that it's not possible. It seems the latter is correct which is a shame as it limits the program severely. I can't really see much appeal for this in its current state but there is potential here if more work is put into it. Features like datatypes, multiple screen modes and AGA support are essential.

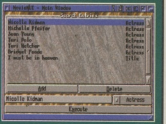
Available from: Online PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834355. Price: £1 plus 50p P+P.



65 %

imdb3_4_bin.lha

Internet movie database (V3.4)



Nicolle Kidman Actress
Michelle Pfeifer Actress
Sean Young Actress
Teri Polo Actress
Teri Hatcher Actress
Bridget Fonda Actress
I must be in heaven Title

Nicolle Kidman
Actress

The Internet Movie Database (IMDb), is the most popular and well established resource for film information on the Internet. It is an international operation aimed at providing up to date film data, freely available on-line across as many systems as possible. It currently covers over 80,000 different movies. The database contains more than 1,000,000 filmography entries and expands continuously. For movie information, no other source of data even comes close to it yet.

Look out for version four of the browser which promises a lot of new features and should be with us soon according to the author. Naturally only film-nerds, like me, need apply.

Available from: Aminet path: misc/imdb. Price: Freeware

87 %

Helping Hands

hardware projects

Despite the horrible OS1.3 interface built around scripts and aged display tools to present info the information in this disk is well worth it. This is a veritable gold-mine for the technically-minded who want to improve their Amigas and don't mind getting their hands dirty. Be warned that the tutorials here are not for novice Amiga users, or people with no understanding of electronics, as most work entails breaking warranties by opening the Amiga.

These tutorials are mainly text files, some with simple IFF diagrams, covering fitting 3.5 inch hard drives into A1200s and using PC input devices like mice and joysticks. And there's a lot more. Those who revel in this kind of project will love Helping Hands.

Some of the text is a bit out-dated now, but I could have used it myself for the hard drive info a couple of years back. Recommended provided you can live with the horrible interface.

Available from: Roberta Smith PD Library, 190 Falloden Way, Hampstead Garden Suburb, London NW11 6JE. Tel: 0181 455 1626. Price: 90p per disk plus 50p P+P.

83 %

V12-PD

Dept CU1
PO Box 14
Lincolnshire
LN11 8LF
United Kingdom
01507 450114

10 PD DISKS FOR A FIVER FROM A LIBRARY OF 14,000+, BLANK DISKS WITH LABELS AT 2.50 FOR 10, TRADE AND BULK DEALS ON BLANKS MUCH, MUCH CHEAPER THAN ANYWHERE ELSE IN THIS MAGAZINE!

THE LARGEST GLAMOUR ONLY BBS IN THE UK CAN GIVE YOU THE CATDISKS RIGHT NOW! CONTAINING OVER 7000 ADULT PICS AND COMPATIBLE WITH AMIGA, MAC, PC, (IN THAT ORDER...) RING FOR THE BEST FUN YOU CAN HAVE THIS DECADE ON 01507 450114 BETWEEN 9PM AND 9AM. UPTO 28.8K (MINIMUM 2400BPS), 4 GIGS AND 5 CD'S ONLINE. IT'S A GAS.

SPECIAL OFFERS, EXTREMELY LIMITED, RING NOW....

BULK BLANK DISKS AT OUTRAGEOUS PRICES, AS WELL AS PD. 500 DISKS OF PD FOR A STUPIDLY LOW PRICE OF 120 QUID! OWING TO A SUPERB NEW SUPPLIER OF BLANKS, ALL OUR BLANK PRICES ARE ONCE MORE AVAILABLE, RING OR GET A CATDISK FOR FURTHER DETAILS.
REGULAR ORDERS GET HUGE DISCOUNTS, RING FOR FURTHER DETAILS!

HAVE YOU ANY OLD HARDWARE YOU WANT TO TRADE IN FOR DISKS? OLD PRINTERS, MONITORS, HD'S, DISK DRIVES, CD'S, COMPUTERS, ANYTHING CONSIDERED FOR AMIGA, PC OR MAC. BULK PD OFFERED OR BULK BLANKS IN RETURN AND YOUR OLD GAL WILL GET A NEW HOME! RING FOR A DEAL ON ANY TRADE IN. WE ALSO SELL ON RECONDITIONED HARDWARE AS AND WHEN IT IS AVAILABLE

OTHER SERVICES INCLUDE FLATBED SCANNING, DIGITISING, SOUND SAMPLING, MEMBERSHIP, PD SWAPS, FOREIGN PD AVAILABLE IN LARGE NUMBERS, BRAND NEW AND DIRECT FROM THE AUTHORS! OUR MEMBERSHIP FOR ONE YEARS CATDISK UPDATE (24 DISKS!) IS ONLY £6.00, GET THE LATEST PD AVAILABLE WITHIN MINUTES OF IT BEING RELEASED, AND OUR FAB DISKS FOR A YEAR WITHOUT BOTHERING TO ASK FOR IT EACH MONTH. PLATINUM MEMBERSHIP IS 15.00, AND ENTITLES YOU TO 10% OFF PD, A YEAR'S CATDISKS AS THEY'RE RELEASED, 30% OFF SCANNING, 30% OFF BLANKS AS PD, 25% OFF DIGITISING, 30% OFF SAMPLING, ETC, ETC! DON'T MISS IT, OR YOU'LL CRY FOR DAYS!!!

SO YA NOTICED THE AD, WHADDYA WANT, A MEDAL............

HELLO FOR ANOTHER MONTH. THAT WAS A BIT BORING, WASN'T IT, ERM LET'S TRY AGAIN. HIYA HIYA HIYA EVERY MAN JACK O' YA! THAT'S BETTER! OK, LET'S GET DOWN TO BUSINESS, YOU ARE FLICKING THROUGH THIS ULLUSTRIOUS MAG, LOOKING FOR SOME PD ACTION. WHERE'S THE BEST PLACE TO FIND SUCH AN ARTICLE? HERE, OF COURSE! AND THAT'S WHY WE'RE IAT PD COMPANY OF THE YEAR 1996. YOU DON'T GET THAT FROM SITTING AROUND ALL DAY, YOU GET IT FROM BEING THE FASTEST, CHEAPEST AND GOSH-DARNED BEST PD LIBRARY IN THE WORLD.
SO WHAT MAKES OL V12 THE BEST?

* THE LOWEST PRICES IN THIS MAGAZINE BY A VERY LONG WAY, DON'TS TAKE OUR WORD FOR IT, LOOK AROUND, EVEN THE TINY ADS AT THE BACK AREN'T CHEAPER.

* 24 HOUR TURNAROUND, WITH OUR TURBO POWERED PD WE ALWAYS OUTSTRIP THE COMPETITION FOR SPEED. WE'RE NOT CALLED V12 FOR NOTHING!

* THE LARGEST SELECTION OF HIGH QUALITY PD ANYWHERE IN THE WORLD. OVER 14,000 TITLES AND ALL AT 50P EACH! IF YOU WANT IT, CHANCES ARE WE ALREADY HAVE IT AND 3 DIFFERENT PROGRAMS LIKE IT TOO!

* UNDENIABLY THE BEST CATDISK IN THE WORLD. THERE QUITE SIMPLY ISN'T A CATDISK THAT HAS HAD SO MUCH TIME SPENT ON IT. SORRY, BUT PERFECTION WAS DEMANDED IN A CATDISK AND WE BELIEVE WE'VE GOT AS CLOSE AS IT'S POSSIBLE TO DO WITHOUT LOOKING INHUMANLY SMUG ALL YOUR LIFE. AND IT'S FREE. SO GET ONE, MISTER.

* MORE WORLDWIDE SWAPPING CONTACTS THAN YOU COULD IMAGINE, PD COMES IN FROM DOZENS OF LOCATIONS ON EVERY CONTINENT (EXCEPT ANTARCTICA, CURIOUSLY.....) THIS MEANS MORE EXCLUSIVE PD THAN YOU'VE EVER SEEN! AND ALL AT 50P EH, I CAN'T IMAGINE HOW IT'S DONE....).

* FRIENDLIER SERVICE THAN YOU COULD EVER DARE TO EXPECT. NO QUIBBLES RETURN POLICY GUARANTEED, AND THAT'S A PROMISE.

HERE'S OUR REVISED PRICES, AS MANY OF YOU WANTED BULK DISCOUNTS, NOW YOU'VE GOT THEM! AIN'T WE NICE..... AMAZINGLY, WE SUPPLY THE DISKS ON THESE PRICES TOO, THIS IS WHY WE'RE VOTED NUMBER ONE AND NOT SOME RIPOFF 1-3 QUID A DISK COMPANY. HURRAH!

1-5 DISKS = 65P EACH
6-9 DISKS = 60P EACH
10+ DISKS = 50P EACH
20+ DISKS = 40P EACH
30+ DISKS = 35P EACH
50+ DISKS = 30P EACH

P+P IS ONLY 50P ON ANY SIZE ORDER!

DISKS ARE 25P EACH INCLUDING P+P IF YOU SUPPLY THE BLANKS!

SO NOW WE'RE THE BEST WE CAN FLAUNT OUR UNDOUBTED SUPERIORITY AND SIMPLY LOOK EXTREMELY SMUG WITH OURSELVES ALL DAY, WRONG! WE WANT TO KEEP THE TITLE AND WORK LIKE LITTLE SQUIRRELS OR OTHER HARD WORKING LITTLE FLUFFY MAMMALS TO KEEP IT! PRICES CONTINUE TO BE LETHALLY LOW, 24 HR TURNAROUND IS NOW GUARANTEED OR YOU GET FREE DISKS FOR EVERY DAY'S DELAY (!), AND NEW TITLES KEEP COMING (OO-ER) IN THE CATDISK. THERE'S NOONE BETTER THAN US, IT'S JUST NOT POSSIBLE I'M AFRAID....

AND A MESSAGE TO ALL WORKBENCH 1.3 USERS, WE STILL SUPPORT YOUR SYSTEM AND HAVE THE LARGEST 1.3 COLLECTION IN THE WORLD, OUR CATDISK WORKS FINE FROM SCRATCH ON 1.3, SO GIVE THE OLD FRIEND A BOOT WITH SOME NEW EXCITEMENT! OR COURSE, WB2 AND AGA AMIGA OWNERS ARE SUPPORTED BETTER THAN A PIG ON STILTS TOO, EVERYONE'S WELCOME, EVERYONE'S CATERED FOR. GOR BLIMEY GAV'NA, GET ON THE V12 LURVE TRAIN AND GO TO HEAVEN!

AND OF COURSE, THE FIRST STEP INTO V12 PALACE (TAKE THE 12TH TURN OFF FROM THE M180) IS THE CATDISKS. WHAT DO YOU WANT FROM A CATDISK, COS IT'S LIKELY WE WILL HAVE INCORPORATED IT INTO THIS BALLISTIC LITTLE DOUBLE BARRELLED BABY! OVER 45,000 LINES OF TEXT, IT WILL AUTOMATICALLY DETECT WHAT MODEL OF AMIGA IT IS IN AND CHANGE AS IT BOOTS TO USE THE SYSTEM TO BEST EFFECT, HAVE A HD AND WANT TO INSTALL BOTH DISKS TO IT? NO PROBLEM, IT'S ONLY ONE MOUSE CLICK AWAY, AS WELL AS ANOTHER ICON TO REMOVE IT ALL TOO! DON'T HAVE A HD BUT WANT TO INSTALL IT TO RAM INSTEAD? NO PROBLEM EITHER, OPTIONAL RAM INSTALLATION FOR OVER 1500% SPEED INCREASE, AND ALL IN 1.5 MEG OF RAM (CHIP OR FAST)! HAVE THE STANDARD 1 MEG AND WANT TO RUN IT COMBINED FROM RAM AND FLOPPY? NO PROBLEM EITHER!! IT WILL INSTALL CERTAIN REGULARLY USED PARTS OF THE CAT FOR A 100% INCREASE IN SPEED! A MOUSE DRIVEN INTERFACE, ANIMATIONS, MUSIC, PICS, STILL HIRES LACED GRAPHICS (EVEN ON AN A500!) AND THE HUMOUROUS LISTINGS THAT WE ARE WELL KNOWN FOR. OH GO ON, SEND FOR IT. IT'S GOT GAMES TOO NOW!!!!

FOR A CATDISK, RING THE NUMBER ABOVE, OR WRITE AND ASK. IT'S FREE THIS MONTH SO GET IT AND START SEEING HOW A PD COMPANY SHOULD BE! WHAT HAVE YOU GOT TO LOOSE? WE DON'T BITE YOU KNOW WHEN YOU'RE LOOKING

ANYWAY, THAT'S ABOUT ALL V12 HAS TO SAY THIS MONTH, EXCEPT HAVE ANOTHER HAPPY AMIGA'ING MONTH, AND NO MATTER WHAT HAPPENS WE WILL ALWAYS SUPPLY FLOPPY PD TO THE CUSTOMERS THAT WANT IT, WE WON'T FOLLOW EVERONE OFF TO CD ONLY LAND, SO DON'T WORRY. YOU'LL ALWAYS HAVE SOMEONE LOOKING AFTER YOUR NEEDS.

GREETS FOR THIS MONTH GO OUT TO WOLFMAN, TOPDOG, FREAK AND BUDDA OF NFA, ICEMAN OF CARNAGE, ICON OF LSD, MR SPOON, MICHAEL CARTER, JOHNNY 5, STEFAN MANSIER, THE BEYOND THE FRONTIER CREW (HI), ROB DAVAIU, RIGSBY, GUNTERHEIM SUPPLIES, MADONNA, KYLIE, DANNI, BERNIE, JACOB GRIZZLY, BENTLEY BELISHA AND FRILLY MIDGE, AND ALL THOSE PEOPLE WE'VE TYPICALLY FORGOTTEN.

FLATBED SCANNING SERVICES

FLATBED SCANNING IS NOW AVAILABLE TO A PROFESSIONAL STANDARD, WITH DPI UPTO 2400 X 2400 DPI, EVERY FILE FORMAT FROM ILBM TO JPEG, AND EVERY RESOLUTION FROM LORES-NTSC TO SUPERHIRES-FULL OVERSCAN PAL AND CUSTOM RESOLUTIONS BEYOND THAT. WE OFFER THIS SERVICE OUT TO ANY PD COMPANY, OR ANY AMIGA BASED COMPANY AT DISCOUNT TRADE PRICES, AND ALSO TO ANY AMIGA OWNING INDIVIDUAL AT THE VERY LOW PRICES, RING US FOR DETAILS, WE ARE AT LEAST 3 TIMES CHEAPER THAN DEDICATED SCANNING BUREAUS. ANY AMIGA COMPANY WHO WISHES TO OFFER OUR SERVICE CAN ARRANGE AN AGREEMENT WITH US FOR SOME SERIOUS DISCOUNTS, SO MAKE THOSE SCANNING DREAMS COME TRUE! REMEMBER ALSO, OUR DIGITISING SERVICE, WHEN ALLIED WITH SCANNING, CAN OFFER COMPUTER REPRESENTATION OF ANY OBJECT, ANY PICTURE UP TO ABOUT 4 SQUARE METERS(!) WITH NO LOSS OF QUALITY. PLEASE RING FOR FURTHER DETAILS.

We stock all the collections including Assassin's 1-250, Fred Fish 1-1000, Scope 1-220, Amigan, Arug, New Zealand, Imagine Object collection, Clipart collection, Barbie, Amos, Legal Tools 1-149 and thousands more. we now also sell CD's cheaper than everyone else, every Amiga CD available is, erm, available from us!
14,000+ TITLES , THATS MORE THAN A LIBRARY WITH LESS THAN THAT!

14,000+ titles, that's more than a library with less than that!

CD AMIGA

Welcome to the section of CU Amiga Magazine dedicated to all things CD.

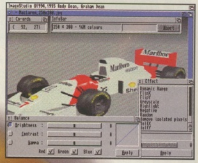
We kick off this month with a look at a CD-writing software and hardware combination, MasterISO and the Hewlett Packard 4020i: the gear used to create this month's Super CD ROM 4 and the previous two before that. Prices of CD-R drives are dropping like stones and there's all the software you need to do the whole thing from your Amiga.

CD-ROM Scene this month is dominated by DTP. There's DTP Toolbox which sees a re-release for ProPage 4.0, a new print designer in the form of Print Studio Pro and we take a sneak peek at a new drawing package called Draw Studio.

You'll also find a guide to this month's Super CD-ROM 4. Enjoy!

Cut your own CD-ROMs

Cutting your own CD-ROMs is now a realistic option for anyone with a bit of enterprise. We check out a combination of MasterISO software and a Hewlett Packard CD-R drive.


ImageStudio ©1994,1995 Andy Dean, Graham Dean
MacLaren_250x200.jpg
Co-ords
(92, 27)
InfoBar
250 × 200 - 16M colours
Abort
Effect
Dynamic Range
FlipX
FlipY
Greyscale
Highlight
Negative
Random
Remove isolated pixels
RollX
RollY
Balance
Brightness :
Contrast :
Gamma :
Red ✓ Green ✓ Blue ✓
Apply
Apply

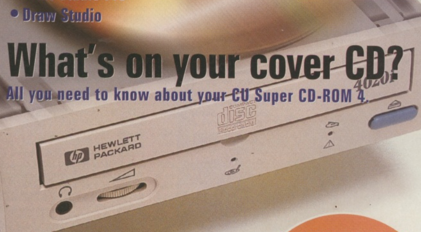
CD-ROM Scene

- DTP Toolbox
- Print Studio Pro
- Draw Studio

Racing
uts Midlands
firm
osition!
Business Today
Jaguar XJR-15 Race Car

What's on your cover CD?

All you need to know about your CU Super CD-ROM 4.


4020i
COMPACT disc Recordable
HEWLETT PACKARD

CU AMIGA MAGAZINE
November 1996 – packed with the best demos, graphics, games and utilities for your Amiga
■ Amiga ■ CD32 See magazine for what's available and how to use the disk
Super CD-ROM 4
CD Amiga Magazine Super CD-ROM [illegible] ©EMAP Images 1996. Workbench and Amiga are registered trademarks of Amiga Technologies GmbH.

Top CD-ROM!

Read all about it on page 71

HP4020i & MasterISO

■ For price and details see box to the right

Shopping list

HP4020i is available from First Computer Centre, Tel: 0113 231 9444, Price: £599.99

MasterISO is available from Blittersoft, Tel: 01908 261466, Price: £103.96

Mastering your own CDs is lot easier than you think once you have the right tools. We test two here.

Time's moved on for CDs and now they're the ultimate standard for reproducing large quantities of data cheaply. They're mostly read only but there are CD Writers (CD-R decks) which can write to their own special 'Gold' disks worth about a tenner a shot. The HP4020i is one such CD-R deck and operates as a quad speed read and a double speed writer.

The HP4020i is a SCSI unit, though you'll need a quick SCSI interface to use it if the source drive and the CD-R are on the save controller. It's not so much of a problem if the source drive is on your IDE interface so that it doesn't use the same SCSI bus. Note, once CD-Rs get on a roll recording data, they must not be interrupted for even a second or the recording will be irretrievably lost.

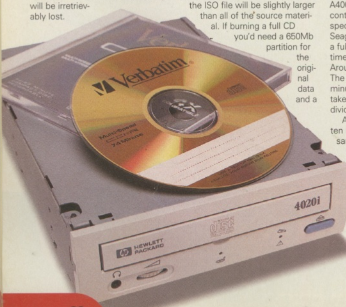
Design wise the HP4020i is a standard looking CD-ROM drive with two status lights on the front panel. One indicates read/write operations while the other is a general status indicator.

MasterISO

Only PC software is supplied with the HP so you'll need a copy of Asimware's MasterISO package which performs the dual tasks of creating an ISO disk image and writing the image to the CD-R. CD-ROMs don't use an Amiga filesystem, they use a filesystem called ISO 9660. The only reason CDs work on the Amiga is because CD drivers have an ISO 9660 file system built in.

MasterISO must read the entire source material for the CD and create an ISO image file. This means the ISO file will be slightly larger than all of the source material. If burning a full CD you'd need a 650Mb partition for the original data and a 700Mb partition or so for the source files. Don't buy a large drive since building the image will trash the heads about and take quite a long time two drives are better.

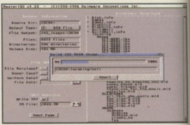
MasterISO only guarantees certain CD-R, SCSI controller and hard drive combinations will work while others will carry an element of risk. As a rule if the units match or exceed the specifications there shouldn't be a problem. Asim recommend such controllers as the Fastlane and DKB 4091 Zorro III SCSI controller. Add on SCSI modules for accelerators should be suitable and perhaps even some of the quicker Zorro II units. The PCMCIA Squirrel or Surf Squirrel units, however, are not of high enough specification.



Burning gold

We use the HP4020i with an A4000T and its built in 4091 SCSI controller. The hard drives are high specification but relatively cheap Seagate Medialist models. Building a full 650Mb image takes some time even with a 68060 machine. Around 15-20 minutes is the norm. The length of a CD is measured in minutes and seconds, the time taken to write to it is its length divided by two.

Audio tracks can also be written but first 16-bit 44KHz stereo sample files must be converted to raw CDDA format in the same way as building an ISO image. However, Asimware say that this limitation will be removed from the next version of MasterISO. Mixed CDs have the data ISO file loaded as track one and the audio tracks loaded after.



MasterISO is the software that you'll need to burn (write) your own CDs.

MasterISO sadly has a kludgy user interface which gurued when I tried to run it under my CGraphX RTG system. It's best to run MasterISO by booting with no startup-sequence; the Amiga's multitasking nature may take away valuable CPU time from the process of writing to the CD. It also cures any problems running on RTG systems.

Conclusion

MasterISO is not cheap, but it works well. Hopefully with a MasterISO update some of the more complex aspects of making CDs such as placing track markers in the middle of audio data will be implemented. Until then, if you want to get into CD writing on the Amiga, this combination is about the only option and thankfully it's quite competent. ■

Mat Bettinson

MasterISO 1.23

OVERALL

Competent mastering software but lacking some features.

87%

HP 4020i

OVERALL

High quality CD writer but unfortunately a bit pricey.

81%

Quality Ink Jet Refills

with a "**no quibble**" Guarantee

Brilliant Colours, Dense Black, Superb Output

SELECTAFONT are a company that you are probably aware of. We have been supplying Ink to our Customers for over 4 years and have experience with Ink Jet Printers for 8 years. By cutting out at least two middlemen we are now able to offer you superb Microfiltered "non clog" formula Refills at a bargain basement price. AND with our unique "no quibble" guarantee you can rest assured that our Inks will give you what you expect.....

or your money back.

SIZE	VOLUME	COST	20ml COST
6 pack	125mls	£14.99	£2.49
12 pack	250mls	£24.99	£1.99
24 pack	500mls	£39.99	£1.66
48 pack	1 Litre	£69.99	£1.45

AVAILABLE COLOURS	
BLACK	DARK GREEN
CYAN	DARK RED
MAGENTA	DARK BLUE
YELLOW	

If you have not refilled before, you will require a starter kit. This will include instructions and all equipment needed. Please contact us for a specific Refill instruction sheet.

Starter Kit: £3.00

Tri Colour Kit	Quad Colour Kit
3 x 125mls	4 x 125mls
£39.99	£49.99

Compatible Cartridges

(all the quality of the originals, but not the price!)

(Printer)	(Black/Colour)
Epson Stylus 800/1000	£7.99
Epson Stylus Colour	£9.99/£19.99
BJ600/610	£4.99/£5.99
BJ4000/4100	£6.99/£11.99
BJ800	£12.99/£12.99
BJ300/330	£9.99

Epson Stylus Colour 2/2s
(please phone)

Selectafont

Dept CU2, 84 Thorpe Road, Hawkwell
Nr Hockley, Essex. SS5 4JT
Tel: 01702 202835
Fax: 01702 200062

Cheques and P.Os payable to Selectafont
All prices include VAT
P+P is just £1.00.
All Ink is dispatched same day by 1st Class Post.
Service with a smile!

HOW TO ATTRACT GIRLS

EVERYTHING you need to know!

Only Available by Mail Order

Two unique new illustrated guides, reveal all the secrets and techniques that can bring you sex-cess with women – OR YOUR MONEY BACK!

1. HOW TO PICK UP GIRLS

REVEALS: • The best pick-up techniques. • Over 100 fantastic opening lines • How to instantly attract girls you have only just met. • A simple rule that will triple the number of dates you get. • Fool-proof conversation techniques. • How to win over "hard to get" girls. • How to date exceptionally beautiful girls. • How to be so great on dates girls will want to be with you again and again – and **much, much more!**

£12.95 postpaid.
A4 Soft cover. 72 pages

2. HOW TO SUCCEED WITH GIRLS

REVEALS: • More brilliant "pick-up" techniques and opening lines. • How to become "sexually attractive". • Secrets that girls will never tell. • What *really* turns a woman on. • The art of seduction revealed. • What you need to know to be "G.I.B." (Great in Bed). – and **much, much more!**

£12.95 postpaid.
A4 Soft cover. 64 pages

SPECIAL OFFER! Order both these amazing guides for just £20 Postpaid.

User reports confirm success:

"Just two days after receiving your guides I picked up the most beautiful girl I had ever spoken to in my life. It was something that one week earlier would have been impossible." **– D.S., London**

"My only disappointment is that it's available to other men and I can't keep what I've learnt all to myself!" **– D.B., Hemel Hempstead**

***MONEY BACK GUARANTEE:* If your not 100% delighted you may return either guide for a full no-questions-asked refund!**

Credit card holders may phone **01534-61 71 81** (24-hr answerphone)
CASUTI LTD., PO BOX 115, 20 BRITANNIA PLACE, ST. HELIER JE4 8QQ

YES! I want to be successful with girls. I understand that if I'm not 100% satisfied with the goods I receive I may return them in good condition for a full refund. On that basis please send me:

☐ HOW TO PICK UP GIRLS – Price £12.95 inc. p&p. ☐ HOW TO SUCCEED WITH GIRLS – Price £12.95 inc. p&p.

☐ I am ordering both of the above at the special combined price of just £20 inc. p&p.

I enclose a cheque/PO for £.............. payable to CASUTI LTD. (foreign orders add £3) or debit my ACCESS/VISA/MASTERCARD

Acc. No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Expires ☐☐☐☐

Name.. BLOCK CAPITALS PLEASE

Address..

.... Post Code..............................

CASUTI LTD., PO BOX 115, 20 BRITANNIA STREET, ST. HELIER JE4 8QQ

All orders are discreetly despatched under plain cover.

CU

AMIGA REPAIRS

FIXED PRICE ONLY **£42.99** Incl. (A500/+,A600 and CD32 ONLY)

- Price includes PART, LABOUR, DELIVERY & VAT
- 90 Day warranty on all repairs
- 24 Hour turn-around on most repairs
- All upgrades purchased from us fitted free with repair
- Includes FULL DIAGNOSTICS, SERVICE & SOAK test
- If drive or keyboard need replacing add £10.00

EST. 14 YEARS

AMIGA A1200 Repairs only **£52.99** Fully inclusive

SPECIAL OFFERS

PC Keyboard adaptor (allows you to use a PC Keyboard) ***Price only £25.00***
Available for A500/+A600 A1200 A3000 A4000 and CD32

PC Keyboards (Cherry/Chicony) £16.00
CD32 Power Supply £25.00
CD32 Rom Drive £35.00

A500 Motherboard v6A £59.00
Fully populated (KS205)
A500 Internal Drive £29.95
A600/1200 Internal Drive £35.95

A500 Internal Drive **£29.95** A600/1200 Internal Drive **£35.95**

CHIPS	
8372A 1Meg Agnus	24.30
8375 2Meg Agnus	24.30
8374 Alice (A1200)	32.70
8362 Denise (A500)	9.60
8373 Super Denise	18.40
5719 Gary	7.60
8520 CIA (A500/+)	12.00
8520 CIA (A600/1200)	12.00
8364 Paula (A500/+)	12.34
8364 Paula (PLCC)	16.70

CHIPS	
68000 CPU	8.50
Video DAC (A1200)	19.50
Kickstart 1.2	4.20
Kickstart 1.3	16.80
Kickstart 2.04	22.40
Kickstart 2.05	19.90
Kickstart 3.1 (A500)	58.00
Rom Sharer	15.00
NEW Modulators	29.50
Xchange Modulators	18.00
CD32 ROM DRIVE	35.00
A500 Motherboard 6A	59.00

CHIPS	
A500 Keyboard	38.00
A600 Keyboard	29.00
A1200 Keyboard	34.00
A500/600/1200 PSU	28.50
CD-32 PSU	28.50
A2000/A3000 PSU	65.00
2.5 HARD DRIVES	P.O.A.

WE CAN SUPPLY AMIGA 500/600/1200 SPARE PART AND KEEP A FULL STOCK

Add £1.50 P&P on chips, £3.00 P&P on drives & PSUs We reserve the right to refuse repairs

☆☆☆☆☆☆☆ **ATTENTION ALL DEALERS** ☆☆☆☆☆☆☆
Our Company offer the most competitive dealer repair service on all home computers,
Credit facility available. SEND FOR FREE INFORMATION PACK TODAY.

Service HOTLINE (0116) 247 0059 FAX (0116) 2558643
DART Computer Services (CU) 105 London Road LEICESTER LE2 0PF

The Guild of Master Craftsmen

DART Computer Services
A Division of D.A. Computers Ltd.

CARE QUALITY & SERVICE

QUALITY INK JET & BUBBLE JET REFILLS

Our refills use only top quality inks. You buy direct from us hence our superb quality at sensible prices.
Black refills for HP Deskjet 500, 510, 550, 500C, 550C, 560C, 660C, 850C
CANON BC-01, BJ10E/EX/SX, BC-02, BJ200, BJ130, BJ300, BJ330
EPSON STYLUS 800, 1000. CITIZEN PROJET. OLIVETTI JP150, 250, 350.
6 refill (3 on high capacity cartidges) kit 120mL pure black. £16.99
CANON BJ600, BJC4000/4100 20 refills pure black 120mL £16.99
EPSON STYLUS 4 refills 120mL pure black £16.99

TRICOLOUR REFILL KITS:
HP Deskjet range 10 refills of Yellow, Magenta & Cyan 180mL £24.99
CANON BJC600, 4000/4100 10 refills of Yellow, Magenta & Cyan £24.99
EPSON STYLUS Colour/II/IIs Yellow, Magenta & Cyan 180mL £24.99
"Print Head Recovery Fluid" for unblocking nozzles NEW LARGE SIZE NEW LOW PRICE! £6.99
all kits come with full instructions **Other refills available.**
Important: Please state type when ordering

Colour Printer ribbons & reloads

To reload a ribbon is easy, just remove the top, take out the old ribbon & reload it with a new one.

	complete ribbon	one reload	five reloads
Citizen Swift/ABC/240 etc	£11.95	£6.99	£29.95
Panasonic KXP2123/2124/2180	£9.99	£6.99	£29.95
Panasonic KXP2135	£9.99	£6.99	£29.95
Star LC200 9pin	£9.99	£5.99	£29.95
Star LC24-10/20/200	£9.99	£6.99	£29.95
Star LC24-30/LC240	£8.99	£4.95	£19.99
Seikosha SL95	£14.95	£6.99	£29.95

Special Re-Ink

For Panasonic 1080/81, 1123/24, 2123/80, 2135, Star LC200 9pin, Epson LQQ100/150, Oki 182 to 390 range. Black bottle will re-ink 100+ ribbons. £9.95

Black Printer Ribbon Reloads

Citizen Swift/ABC/120D 5 black reloads £9.99
Star LC10/20/100 5 black reloads £4.99
Star LC24 range 5 black reloads £9.99
Seikosha 1900/2400/SL95 5 black £9.99
Epson FX80 to LQ800 range 5 black £11.99
Star LC24-30/LC240 5 black reloads £14.99

T-shirt printing is simple, just print onto normal paper & iron on. One ribbon gives lots of prints. We can also supply ribbons in many colours T-shirt and normal ink.

T-Shirt printing ribbons

4 col Citizen Swift/ABC/240 £19.99
4 col Panasonic 2123/2135 £19.99
4 colour Star LC200 24pin £19.99
reloads for above £9.99
4 colour Star LC200 9pin £12.99
4 colour Star LC10 £10.99
reloads for above £7.99
Black Citizen Swift/ABC/120D £9.99
Black Star LC10 £9.99
Black Star LC200 9pin £9.99
Black Pan KXP1080/81 £9.99
Black Pan KXP1123/24 £9.99

Prices include VAT & postage. To order send cheques/POs payable to:

CARE PRODUCTS
Dept CU7, 15 Holland Gardens, Watford, WD2 6JN
or use Visa/Mastercard or Education order.
Fax order line 01923 672102

CARE QUALITY INKS

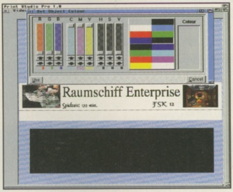
CARE QUALITY INKS

Tel ORDER LINE 01923 894064

CD-ROM Scene

Welcome to the CD-ROM theme party. This time it's drawing and DTP. Anyone care for a sausage roll?

Print Studio Pro

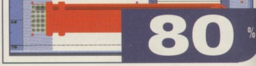


Printers eh? Don't you just love 'em? As well as using them for all straightforward jobs like printing out invoices with a little bit of imagination you can put your printer to all kinds of uses. And what with the low cost of colour printers these days, it seems a shame not to adorn your possessions and stationery with customised logos and frills.

Print Studio Pro, the main program on this CD, is a kind of DTP system that's specifically designed for desk top printing, rather than publishing. By combining text, structured drawing and clip art elements you can build up pages of labels, forms, letterheads, coversheets and all that sort of thing. It's pretty simple to use. Once you've set up your page you can then import your various elements and arrange them on the screen using the standard DTP-style boxes and handles. As you've probably guessed already, there's a load of clip art and fonts on the CD to get you started. In fact there's more than enough just to get you started, there's enough to keep you pumping out those labels for months.

Although you could do most of this with a good DTP program, Print Studio Pro is better suited to the job because it's not cluttered up with unnecessary options and memory-guzzling features. If you want to get the most from your printer, Print Studio Pro is very highly recommended.

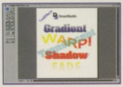
Available from: GTI, Grenville Trading International GmbH, Carl-Zeiss Str. 9, 79761 Waldshut Tiengen, Germany. Tel: 00 49 7741 83040. See adverts in this magazine for UK suppliers and price.

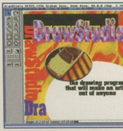


80 %

Draw Studio

Here's a brief taster of a new package on the way from the authors of Texture Studio and Image Studio. Andy and Graham Dean have been at it again and this time they've come up with a structured drawing package that aims to knock spots off the competition. Draw Studio promises a list of features including various types of filled text (including bitmap patterns), text wrapping on curves, structured drawing tools, bitmap and structured combinations, transparent colours, exporting as EPS, aspect ratio corrected display and lots more. For now here's some pictures of the pre-release version.

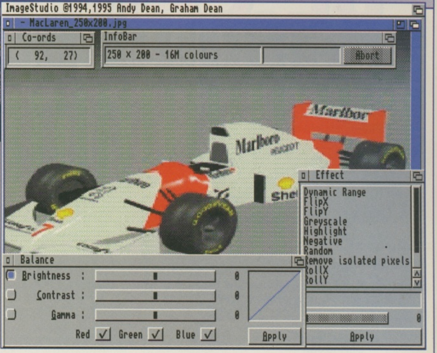




Draw Studio is planned for release on floppy and CD-ROM in mid-October. Watch out for a full review in the next CU Amiga Magazine. For more information, call LH Publishing on 01908 370 230.

DTP Toolbox

New Laser Times



Since it absorbed Just Amiga Monthly magazine into its own EM magazine, LH Publishing has been the undisputed nerve centre of Amiga DTP. LH's main man Larry Hickmott will be familiar to most DTP enthusiasts, if not from EM magazine then surely from his DTP tutorials that seem to have found their way into just about every Amiga magazine on the shelves. It's fitting then that they've compiled this highly worthy stab at an all-in-one DTP solution CD-ROM.

Top of the bill is a complete fully functioning version of Professional Page 4.1. This acclaimed DTP package may not have seen anything much in the way of development over the last few years, it's still a sound piece of software and it works too, which is always a bonus. As is always the case with advanced DTP software, you'll need a fast CPU to get it working at a reasonable speed, otherwise you'll find yourself spending quite a while watching the screen redraw. This is not the fastest bit of software your Amiga has ever seen – a good 030 or faster CPU is recommended. While it's not in the same league as the Apple Mac's Quark Xpress it's still capable of producing professional documents, even entire magazines if your Amiga has enough speed, RAM and hard drive space.

All in one

There's no printed documentation for ProPage or any of the software on the CD which could present a problem for newcomers. However, you do get some comprehensive help in the form of an AmigaGuide document which tours the main areas of the program along with some quick-start tips.

Running at a far more manageable speed there's a cut down version of Final Writer included on the disc, Final Writer Lite. While this isn't as capable as Professional Page when it comes to big documents with all the trimmings, for less adventurous newsletters and presentations it's fine. Somewhere between a full-blown DTP package and a word processor, it's a lot quicker and easier to use, with less demanding system requirements. The interface is nice too, taking in elements of Magic User Interface without actually using it. If you want something to knock out neat looking documents with no fuss you can't go wrong with it.

An update to Professional Draw version 3.03 from version 3.0 is also included. Professional Draw 3.0 was included on the May 1995 cover disks of CU Amiga Magazine and this update fixes it for AGA compatibility. If you don't have that cover disk or the original program, LH Publishing say they have a few back copies of that they can supply. Professional Draw is a structured drawing companion program to Professional Page.

Those are the main players on the CD but there's also a supporting cast of smaller programs and tools that are bound to come in handy. Directory Work 1.62 is here to help out with moving files around, handling archives and so on. It's not everyone's first choice of a file manager but it's quite capable of sorting out those day to day jobs.

Pull together

On the image processing front there's Image Studio and GFX Lab. Neither of them are in the league of Photogenics but together they make a surprisingly powerful team, so long as you use the strong points of each program. GFX Lab comes equipped with an impressive array of special effects processes, while Image Studio is a good workhorse application especially for re-colouring, re-sizing and general re-formatting of images (Mat Bettinson swears by it). GFX Lab can be a bit temperamental though, especially if you try to run it straight from the CD.

Fonts and pictures are some of the main beneficiaries of the enormous capacity of CD-ROM. There's around 110Mb of fonts and about 230Mb of pictures. That should keep you going for a bit. The rest of the CD is filled with all kinds of useful bits and pieces, like printer drivers, archivers, ARexx macros, PageStream 3 updates, templates, picture viewers, MUI and plenty more.

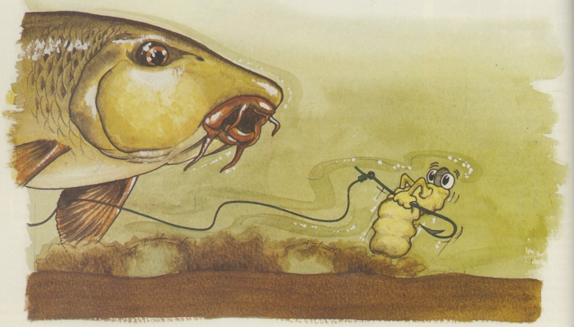
One unique aspect of this CD is that every one ordered is specially cut onto a gold CD. This has allowed LH Publishing to offer a special service to all customers. Anyone who orders the DTP Toolbox CD can have up to ten floppy disks' worth of their own software included on the CD for no extra charge. More can be included for an additional fee.

If you're short of a good DTP and word processing package this should make an attractive option. With Professional Page as the main attraction, if you've already got yourself setup with ProPage or PageStream the rest of the CD is unlikely to tempt you at this price. However, considering what you get for your cash DTP Toolbox represents a good value DTP package on one neat little gold CD.

Available from:
LH Publishing, 13 Gairloch Avenue, Bletchley, MK2 3DH. E-mail: larry@em.powernet.co.uk
Tel: 01908 370 230.
Price: £39.95.

85 %

BE CAREFUL OUT THERE!



A senior member of the maggot community has repeated warnings that a significant number of angling hotspots are being identified each week by the leading angling newspaper.

Commenting on the reports he said, "I need to warn all maggots to steer clear of these danger zones or be prepared to face waters teeming with ravenous fish."

Noting that Angling Times readers are generally better equipped and higher skilled than average anglers, he warned,
"This information is now in dangerous hands. These people will be bagging up."
So the message is clear! Don't get caught in the wrong place at the wrong time, because Angling Times readers are Live and Fishing.

Angling Times

First with the News.

Venues that are Live&Fishing

Available every Wednesday

Inside Super CD-ROM 4

CU
AMIGA
MAGAZINE
November 1995 – packed with the best demos, graphics, games and utilities for your Amiga
■ Amiga ■ CD32 See magazine for what's available and how to use the disk
Super CD-ROM 4

CU Amiga Magazine's CDs have earned a reputation for being the best top quality Amiga CDs available. Here's why.

How to use CUCD 4

As with prior cover CDs, CUCD4 can be used either by booting on a CD32 or A1200/4000 with adequate CD32 emulation. The CD will not boot under any Kickstart earlier than 3.0. If using the CD via Workbench and intending to run software directly off the CD then it's important to first click on the 'Init CD' icon. This sets up various assigns and makes MUI 3.6 temporarily available if it is not already installed.

It's worth noting that running software directly from CD is a touch-and-go business. While we've gone to a lot of effort to make many programs run from the CD, others may have to be dragged to your hard drive either manually or by running an included installer. 'Init CD' also runs the New Icons patch so don't be surprised if the icons change afterwards.

Amiga, back for future!
Did you think that Amiga is dead on Finland ? You were WRONG !!!

Audio tracks

This month's best modules are Compuspace by Dominic Smart and OutWipe by Paradise Decay. Compuspace is a four channel MED module and OutWipe is a Protracker module also only four channels proving you don't need multiple channel formats to sound superb. As last month, we've given the modules a subtle stereo image and then burned direct to CD as 44Khz 16bit audio. You can play the audio tracks either in your CD-ROM or a standard CD audio player but on the latter remember to avoid track 1 and go straight to track 2 for Compuspace and track 3 for OutWipe.

Have fun exploring CUCD4 and don't forget to send us any work of your own so we can include it on later CDs. Feel free to write into the magazine and tell us what you'd like to see on future CDs or how you'd like to see them organised. Address all letters to CD Editor.

A word on demos and games

Demos and games are almost never coded in a so-called OS Legal way. That means that while they may work for us, they might not work for you for several reasons. Either your hardware set-up is slightly different or some third party software running on your Amiga may upset the demo or consume resources that the demo/game requires. Please do not assume the CD is simply 'faulty' if any of this software refuses to run.

There are things you can do to make the software more likely to run. Closing down any running software, screens and such forth will free up resources. It might be better to cut to the chase and copy the demo/game onto your hard drive and then boot with no startup sequence. This involves resetting and holding down both mouse buttons, then press boot with no startup-sequence.

You'll then be placed into the AmigaDOS shell so you'd need to know enough about that aspect of your Amiga to navigate to where the software is and run it. As a general rule, if the game or demo still doesn't work then it's incompatible with your machine. If you get a requester asking for a specific volume then the software needs 'assigns' set up and so is fairly likely it has an installer that should have been run.

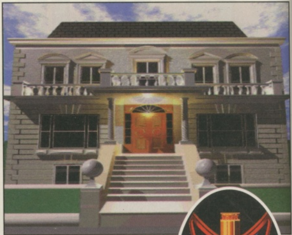
Generally driving CUCDs is as simple as clicking on an icon of something you want to run, play, see etc. You should find it will automatically activate a player, viewer or run the program without further ado. Of course if you access CUCD from a directory utility, then you can use your own preference of players, viewers etc on the specific files.

We can't emphasise enough the importance of clicking on any readme or other documentation files inside each directory. There's simply too much material for us to detail here so you'll have to explore, read the documentation and see if each program or whatever is of use or interest to you.

Turn over for your complete guide to your CD ▶▶▶

What's in your

When the Super CD 4 icon (called CUCD4) is opened from the Workbench, you'll see a smaller window than usual. This isn't because there's a lot less material, it's because this month's CD takes the different approach where the bulk of the material is in a separate 'CUCD' drawer.



CUCD4 root directory

Magazine

This month the Magazine directory contains four drawers. The WiredWorld directory contains WhirlGIF to go with the WiredWorld tutorial in this issue. It's also got a bumper collection of icon pictures for Web page use. There's also some example AnimGIFs and HTML creation packages including WebPlug and WebDesign. The PD Scene and PD Utils drawers contain the DMS and LHA archives of the software reviewed in PD Utilities and PD Scene this month. Finally the Psion directory contains the AmigaNCP Psion to Amiga networking package to go with this months Psion palmtop computer feature. What's more there's virtually every item of freely redistributable Psion software included too all in LZX archives.

Workbench

The same as previous Workbench versions installed on CUCDs, it's a full installation of Workbench 3.1 minus the ARexx distributions.

Support

This directory contains many of the support programs and utilities used to play and view the rest of the files on the CD.

It's similar to last month only this time the MUI installed is version 3.6 and a new Delitracker is included

XCAD 2000

This directory contains the full commercial release of XCAD 2000 2D and 3D. It can be run from the CD but would be better being dragged onto your hard drive.

The CUCD drawer

Demos

This month we have a bumper collection of Scene Demos including the sequel to the CUCD2 massive Data World animation demo, Wild Summer. All of the Demos are unpacked and ready to run though they may need to be run by booting with no start-up sequence. Be sure to check the system requirements in any of the readme files present within the Demo drawers.

Information

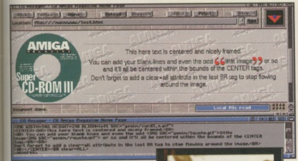
In this directory there's a collection of text and AmigaGuide documents ranging from a ShapeShifter survey to an entire stand-alone Star Trek database.

On-line

Dedicated to Communications software, a few select packages have been included such as the latest version of the 97% rated Miami Internet software, the YAM and Voodoo Email clients and a voice-mail package called SpeakFreely.

drawers

CU
AMIGA
MAGAZINE
Super
CD-ROM 4



CU Voyager · CU Amiga Magazine Home Page

Location: file:///mainwww/test.html

This here text is centered and nicely framed.
You can add your blank lines and even the odd “little image” or so and it'll all be centered within the bounds of the CENTER tags.
Don't forget to add a clear=all attribute in the last BR tag to stop flowing around the image.

Document done.

```
<IMG WIDTH=206 HEIGHT=298 ALIGN=left SRC="genim/cucd3_s.gif">
<CENTER><BR>This here text is centered and nicely framed.<BR>
<BR> You can add your blank lines and even the odd <IMG SRC="genim/lquote.gif">little
image<IMG SRC="genim/rquote.gif"> or so and it'll all be centered within the bounds of the CENTER
tags.<BR><BR>
Don't forget to add a clear=all attribute in the last BR tag to stop flowing around the image.<BR>
<BR></CENTER><BR clear=ALL>
<ADDRESS>
```

Back
Forward
Home
Add
CU
AMIGA
MAGAZINE

CU IBrowse: CU Amiga Magazine Home Page

Location: file://localhost/Mainwww/test.html

Page loaded.

Graphics

Unsurprisingly this directory contains all of the readers contributions related to graphics and artwork including stills and animations. What's more there's an entire sub directory of software for the Imagine series of rendering packages including some object converters and a good quantity of 3D objects. For those without Imagine, a RayStorm raytracer demo and the Grimm batch image/animation processor is included.

Sound

MIDI is the order of the day with CUCD4. The MIDI drawer contains the fabulous GM Play, general MIDI player software which uses Amiga samples. What's more it also has two sets of sample data, one for low memory systems and a very high quality set for those with 8Mb of RAM free. There's a massive collection of MIDI files here are well The rest of the drawer comprises of selected modules and readers modules sent in for CUCD4. The best module is also produced as an audio track on CUCD4.

WWW

As with CUCD3, this month we have a massive collection of Web pages on the CD ready to view without the need of an Internet account. Accordingly demo versions of AWeb 2.1 and IBrowse 1.0 are provided to access the pages. This month's special is a monster collection of Amiga user's personal home pages from around the world.

Readers Utilities

This now has its own directory due to massive amounts of quality applications and programs sent in by readers. There's a great variety of programs ranging from the simple to the complex.

CD-ROM

Support software for CD usage can be found here. The latest version of the superb PD AmiCDFS 2 filesystem, Megasearch which creates a database of your CDs and a CDID directory containing thousands of audio CD tracklists which when used with several audio CD player applications will automatically recognise CDs and allow you to add to the collection.

Games

Entertainment central with a collection of PD and demo games and the readers sent-in games to boot. As always we can't guarantee that they'll work on your particular Amiga so please read whatever documentation is provided, checking system requirements and so on.

Weird Science

Weird Science Ltd. 1 Rowlandson Close, Leicester, Leicestershire. LE4 2SE
Tel. +44 (0)116 234 0682 Fax. +44 (0)116 235 0045
email. sales@weirdscience.co.uk or tech@weirdscience.co.uk

WS
Sounds Terrific II
Weird Science
Sounds Terrific II

Sounds Terrific 2 contains thousands of files available ready to use straight from the CD's. The music and sounds files can be auditioned from an easy to use interface for both a PC & Amiga. In addition to the sounds are some brilliant utilities for music and sound manipulation on both platforms. As well as the great modules, midi files and samples provided we have also sourced the superb Walkabout Music Collection of professional Instrument samples in both WAV and IFF formats. ***Included are 4,400+ modules (tried and tested,) 400 extra large modules (over 300k each,) 795 Screamtracker modules, 1,000+ categorised midi files, 4240 IFF samples, 620 categorised WAV samples, 1,000+ Walkabout Instrument samples in WAV & IFF formats, 100's of utilities for PC & Amiga*** and as a bonus the complete ***MidiCraft collection*** of Midi files.

Sounds Terrific Vol. 1 is still available for £ 14.99. **£ 19.95**

NEW RELEASE DOUBLE CD

3D CD 1 Objects

Containing 1,700+ objects in DXF format for most 3D rendering programs on PC and Amiga. The superb objects will render in Lightwave, Imagine, Truespace, etc. Categories make selection a easy. This CD

Anatomy	46 mb	Househld	9 mb	Sci-Fi	5 mb
Animals	23 mb	Instrumnt	9 mb	Ships	62 mb
Aviation	88 mb	Kitchen	7 mb	Space	46 mb
Batman	2 mb	Lamps	10 mb	Sports	19 mb
Building	14 mb	Land	9 mb	Star Trek	41 mb
Clocks	8 mb	Logos	3 mb	Star Wars	6 mb
Computer	21mb	Misc	19 mb	Technolgy	5 mb
D & D	4 mb	Morph	36 mb	Tools	4 mb
Dr Who	7 mb	Novelty	32 mb	Vehicles	50 mb
Food	3 mb	Organic	12 mb	Video	7 mb
Fruit	1 mb	Phones	1 mb	Vista	1 mb
Furniture	19 mb	Robots	16 mb	Weapons	9 mb

ONLY £ 9.99

3D CD 2 Images

Containing over 600 megs of raytraced images in 256 colours AGA IFF & GIF formats. A GUI front end enables all of the images to be viewed. Also great graphics utilities for both Amiga and PC. Over 800 indexed images for both the Amiga and the PC.

£ 9.99

AMINET COMPACT DISCS

NEW AMINET 12 & 13 Now Available £ 14.99 each

AMINET 9
AMINET 10

£ 14.99 each

Subscriptions

Free subscriptions to the Aminet CD series means that each time a new one is released it will be shipped straight to you for only £9.99 (+ postage). Saving a third of the price with great ease.....

Only £ 9.99

Containing 100's of full colour images created by hugely talented artists with computers. All the categorised images are indexed Amiga or PC versions

ARTWORX £ 9.99

The entire UPD Library on four CDs. In total 4,813 floppy discs in this superb set. Fully indexed & categorised. All the archives can be put back to floppy disc from a simple menu.

UPD GOLD £ 19.95

Weird Science

The entire Amos PD library resource on CD. Thousands of Amos related files. Source code, sprites, samples etc. This is a must for all users of Amos.

AMOS PD £ 19.95

Stunning B&W and colour clip art. Over 15000 files in different formats for the Amiga and PC.

CLIP ART CD £ 9.99

Over 600 games for CDTV, CD32 & all Amigas. Select all the games from a simple menu and play from the CD.

£ 9.99

ASSASSINS 1

Another 600 games for CDTV, CD32 & all Amigas. Select all the games from a simple menu and play direct from the CD.

£ 19.95

ASSASSINS 2

Spectrum & CBM64 emulators and games for the Amiga and PC. Over 3,000 Spectrum games and 1,200 C64 games on a limited edition gold CD.

£ 19.95

RETRO GOLD

MULTIMEDIA TOOLKIT

VOLUMES 1 & 2 (3 CD'S) ONLY £ 19.95

MULTIMEDIA TOOLKIT

£ 34.99

OctaMED SoundStudio V1 Amiga Version
by TEIJO KINNUNEN
1996 RBF SOFTWARE
GOLD
Octamed 6
GOLD

The all New SoundStudio is finally here and well worth the wait. With fabulous new features including full mixing facilities, save modules as samples, notation editor (includes printing), 64 channels, new midi commands, more Toccata support, no sample size limits, fastmem facility and far more. SoundStudio has lifted Amiga music creation to new heights . A must for all musicians.

Upgrades £ 24.99
Please Call

Octamed 6 now £ 19.95

The very best in CD32 and Amiga Networking has just got so much better. This CD is an absolute must have for all Network CD owners. The concept and operation has been improved in every possible way. The CD32 boots in about 45 seconds, with more memory available and fake fast ram to improve speed. One button press on the Amiga can set-up any program to run on both machines, including the entire Sernet set-up at the speed of your choice on both machines. No more difficult set-up routines. Sernet now runs at various speeds and is now the fastest ever. A keyboard and mouse can be emulated on the CD32. Twin Express can now be controlled from DOpus. Serlink allows easy downloading of data. Plus so much more.

£ 14.99

Cables ......
Sernet £ 19.99
Parnet £ 9.99

NETWORK CD 2

AVAILABLE NOW
THE LEARNING CURVE

Possibly the worlds largest educational and information resource for the Amiga ever. The CD has taken two years to compile and contains 100's of programs and information on a wide variety of subjects. A small selection of these is listed below. All items are accessible direct from the CD.

Aircraft	Health	Languages	Science
Art	History	Literature	Astronomy
Computer	Hobbies	Drama	Biology
Desktop Utils	Educational	Music	Books
Electronics	Fairy Tales	Mythology	Chemistry
Engineering	Mathematics	Philosophy	Ecology
Geography	Spelling	Religion	Geology

Amiga & CD32 compatible. WB 2.04 + **£ 19.95**

The Amiga Developers CD from Amiga Technologies comes complete with the all the developers tools and docs. provided to the official developers. The CD is a gold mine of tools and information. Included are the complete CD32 developers tools with Build CDand ISO CD, Envoy 2.0 package, Enforcer, Workbench 2.0, 3.0, 3.1 tools and documents with the updated native developers kit, SANA II package and installer v43.1 package. Also included is a vast amount of info. on the Amiga.

AMIGA
DEVELOPER CD V1.1

£ 14.99

AMIGA DEVELOPERS CD

Featuring a massive one thousand and seventy eight 256 x 256 pixel textures. Each detailed texture tile can be tessellated to create images with absolute seamless edge to edge matching. Superb for wrapping around any complex object perfectly or adding instant backdrops for WWW pages etc. Finding the right texture is easy with a 24 page colour index booklet displaying all of the textures in their glorious colour. The images are in IFF, GIF, JPG, TARGA & PICT formats.

1078 WEIRD TEXTURES

£ 14.99

WEIRD TEXTURES

AVAILABLE NOW
In-To-The-Net

Getting an Amiga connected to the Internet is one of the most difficult tasks due to the complex installation routines of AmiTCP and the lack of any real guidance. Not only will this situation change but you will now be able to get connected to the Internet and the WWW without a hard drive or the complicated setting up of the software. Our extensive networking skills have really been put to the test providing a simple connection from a compact disc providing a pleasant introduction and connection to the internet. Most of the difficult setting up is done automatically for you with the connection program provided. All that is required is the answers to a few simple questions. In addition the CD contains all the tools required for both the beginner and expert, full instructions on getting connected and many very helpful documents on the Internet and WWW. The tools include AmiTCP, Mail, FTP, WWW and many more. In addition there is a section on WWW page creation with clip art and creation tools. Easy Hard Drive installation possible and desirable but not required.

comes complete with
Out-Of-The-Net
Volume 1 FREE

Wondering what all this World Wide Web is all about, worried about expensive connection and telephone bills, concerned that it may not be for you. Well check it out without the connection or telephone charges with 'Out-of-the-Net'. This compact disc contains the contents of actual WWW sites for you to browse with the Amiga browsers provided, no online costs at all. It is all included ready to run directly from the compact disc. The CD acts as an pseudo Internet provider with the sites readily available on the compact disc. There is a diverse variety of sites and subjects covered to give an excellent feel for the WWW whilst you browse for free. Remember this compact disc is absolutely FREE with 'In-To-The-Net' CD. Both of these CD's represent totally new concepts for the Amiga.

TWO CD's only £ 19.95

NEW

Magic Publisher comprises of four compact discs and on this unique CD-ROM set you will find all you need to create professional looking documents. There are more than 10,000 Fonts (Colour Fonts, Bitmap, IFF, Adobe, Intellifonts, Truetype & DMF), more than 5,000 clipart. Many of these are exclusive to this compact disc. Also there is the complete PasTex. Full commercial versions of Final Writer 4 SE and Wordworth 4 TD are included. Both rated as great word processors on the Amiga. Tools for creating WWW pages along with backgrounds and special clip art for this purpose is also included. The 100 page booklet included in the CD-ROM pack contains printouts of all the fonts and clipart.

Magic Publisher
Including Final Writer 4 SE

£ 49.95

MAGIC PUBLISHER

AMINET CD SETS

SET 1 £ 19.95

SET 2 £ 24.95

SET 3 AVAILABLE NOW £ 29.99

NOTE
WE WILL PRICE MATCH ANY ADVERT IN THIS MAGAZINE

AMIGA CD-ROM
ULTIMED

Ultimedia 3 & 4 FREE

with every order over £ 25.0

Two fabulous multimedia resource compact dis
containing images, sounds, animation's and ma
multimedia tools and utilities. Over 1.2 gigs
two compact discs and absolutely FREE wh
you spend over £ 25.00 on compact discs

Insight Dinosaurs
£ 19.95

CBM 64 Latest Version
£ 19.95

World Atlas AGA only
£ 29.95

Magic WB Enhancer
£ 9.99

THE SPECCY CD 1996

Speccy 96 Latest Version
£ 19.95

17 Bit LSD CD 3
£ 19.95

Oh No More Worms Vol. 1
£ 9.99

Emulators Unlimited
£ 19.95

ENCOUNTERS
THE UFO PHENOMENON

17 Bit Encounters
£ 14.99

SCI-FI SENSATION

Sci-Fi Sensations 2 Double CD
£ 19.95

MOVIE MAKER

Movie Maker Special Effects Volume 1
£ 29.95

WORKBENCH ADD-ON

Workbench Add-on
£ 24.95
WB Tools

NFA AGA Experience
£ 14.95
WB 3 only

NFA AGA Experience Volume 2
£ 19.95
WB 3 only

NFA Utilities Experience
£ 14.99
Utilities

THE EPIC INTERACTIVE ENCYCLOPEDIA
NEW
Multimedia Encyclopedia

£ 29.9

A full interactive encyclopedia f
all AGA Amigas with 1,000's o
subjects with images and sample
A magnificent production.

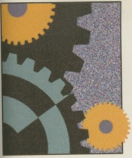
Superb Multimedia Interface in AGA.

ODDS & ENDS

LSD 1	£ 9.99	Hottest 4	£ 4.99	Lightwave Enh.	£ 4.99
LSD 2	£ 9.99	Hottest 5	£ 4.99	3D Arena	£ 4.99
Aminet 1 - 8 (each)	£ 4.99	CDPD 1 - 4 (each)	£ 4.99	Meeting Pearls 1	£ 4.99
Total Carnage	£ 4.99	Demos 1	£ 4.99	Zoom 1	£ 4.99
Animations CD	£ 14.99	Demos 2	£ 4.99	Saar & Amok	£ 4.99
BCI Net 1	£ 4.99	Euroscene 1	£ 4.99	Amiga Tools	£ 4.99
BCI Net 2	£ 4.99	Euroscene 2	£ 4.99	Fish & More 1	£ 4.99
Light Rom 1	£ 14.99	Speccy 2	£ 4.99	Fish & More 2	£ 4.99
Xi Paint 3.2	£ 14.99	17 Bit Collection	£ 4.99	Gif Galaxy 1	£ 4.99
GFX Sensations	£ 19.95	17 Bit Cont.	£ 4.99	Gif Galaxy 2	£ 4.99
17 Bit Phase 4	£ 14.95	Pandoras CD	£ 2.99	Prof. Fonts & Clips	£ 4.99
Meeting Pearls 3	£ 9.99	Express PD	£ 4.99	Demomania	£ 4.99
Global Experience	£ 19.95	Raytracing 1	£ 4.99	Megahits 1	£ 4.99
Colour Library	£ 9.99	Raytracing 2	£ 4.99	Illusions in 3D	£ 4.99
PD Soft Utils 2	£ 9.99	Avalon	£ 4.99	CAM	£ 4.99
Hottest 6	£ 9.99	Imagine Enhancer	£ 4.99	Limited Stocks of these tit	

TELEPHONE ORDER HOTLINE
0116 234 0682
OPEN 9.00 - 6.00 MON - SAT
UK POSTAGE IS £1.00 FOR THE FIRST ITEM AND £ 0.50 FOR EACH ITEM THEREAFTER
ACCESS, VISA & SWITCH MOST WELCOME
Please ask for Ultimedia or it will not be shipped

Amiga Workshop



Everything you need help on to do with your Amiga is here. However, If there is something else you'd like to see that's not here, please write in to CU Amiga Magazine and let us know.

78 Imagine 4.0

Three ways to avoid indistinct white blobs and create realistic-looking starfields in your animations.

Imagine p78

82 Comms

Find out how you can liven up your web site with pretty pictures and make sure that they won't take a long time to download.

84 Surf of the Month

The first of a new series where a celebrity guest surfer (this month it's Tony Horgan) travels around the web to see what he can find.

LEICESTER
VENTRY
ARSENAL
SPURS
WEST HAM
CHELSEA
WIMBLEDON

Surf of the Month p84

86 NetGod

Strange goings on in the PIOS web page are unearthed, amongst other things, by our undercover net journalist.

89 SoundLab

Instead of telling you what to do to create great music on your Amiga here's what NOT to do.

95 FAQ

If you feel it's time to trade in your TV screen for a monitor then turn to page 95 now.

96 Masterclass

Our exploration of the wonders of Workbench continues. This month we look at, amongst others, fonts in your Workbench drawer.

Preferred Languages
English
Clear Languages
Time Zone:
Use
Cancel

Masterclass p96

98 Q&A

Get the help you need with your Amiga from the dynamic duo on the Amiga technical scene: Mat and Tony.

Feedback

76 Art Gallery

We're starting up a point of contact for budding artists to get in touch with one another. Please send your contact details with any artwork if you want to join in.

101 Points of view

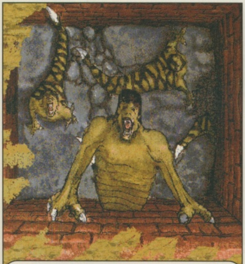
Alan Dykes, in his last month as CU Amiga Magazine's editor bows out with his point of view about the way Amiga game sales are interpreted and used by some.

102 Backchat

The Euroscene feature we ran a few months is still prompting people to write in. This time Italy chips in its halfpenny worth.

Art Gallery

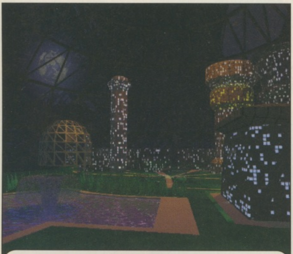
Thanks to all those who sent in their work this month. Remember to keep 'em coming.



Artist: Andy Watkins, Leeds.
Amiga: A1200 Software: PPaint

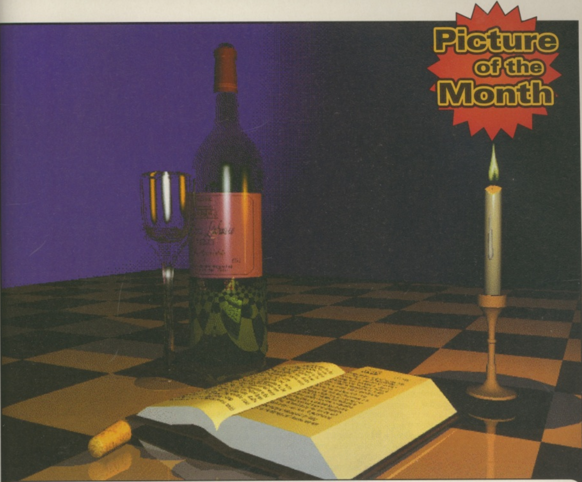
CINEMA
ODEON

Artist: Girish Nath, Birmingham. (Copy of the The Chase™ stamp)
Amiga: A4000 Software: LightWave

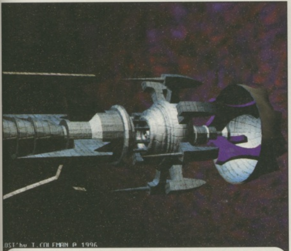


Artist: Stephen Gardiner, CU CDIII.
Amiga: AGA Amiga Software: Imagine 3, ImageFX 1.5

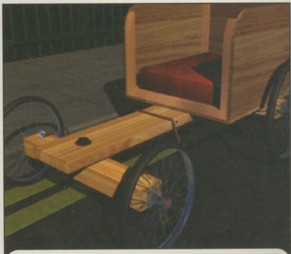
Artist: Brian Smith, London.
Amiga: A1200 Software: Imagine


Picture of the Month

Artist: Brian Smith, London.
Amiga: A1200 **Software:** Imagine


OST'by T.COLEMAN © 1996

Artist: T. Coleman, Nottingham. **Amiga:** A4000/030 with 060 6Mb RAM, Cyberstorm **Software:** Imagine



Artist: David Power, dpower@thenet.co.uk
Amiga: 14Mb A3000/25 **Software:** LightWave

Imagine 3.0

PART 10

Stars in your eyes but not in your animations. Here are three ways to create realistic-looking starfield effects.

If you have ever tried to render space ships with Imagine, you will have no doubt come across quite an irritating problem: stars. They just don't look right. Although the Globals menu in the Action editor contains a star density setting, there are several drawbacks with it. For example, stars won't appear through transparent objects, are all single pixels in size, are all pure white and refuse to animate properly.

To illustrate this, imagine (excuse the puns) that you are animating a space ship flying past the camera. The camera pans to follow the ship, but unfortunately the stars don't move as you pan so the illusion is ruined. And the fact that the stars are all single white pixels means that if you render something which you want to print later the stars come out either looking extremely boring and flat or even stand a very good chance of disappearing altogether. Luckily, there are ways and means of avoiding these pitfalls with stars and I'm here to show you how.

John Kennedy

Solution one

First, perhaps the most obvious solution is to use a backdrop texture instead of the default star field objects. Depending on your artistic abilities or your access to NASA images, this can be a fantastically realistic way to spice up your images. Think of Babylon 5's lovely purple star clusters and how they stop the images looking dull.

Here's how to add a backdrop to your images. Remember that a neat trick is to use a backdrop that you've rendered previously. This will save on rendering time.

Step one

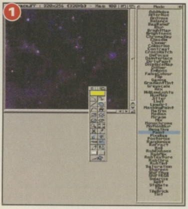
Create a starry backdrop using either a paint program or by altering an existing image. There are plenty of NASA images around such as those taken from the Hubble Space Telescope which are extremely colourful. It is essential to keep the backdrop the same size as the final render, so if you plan on rendering images of different sizes it might be a good idea to create a large backdrop (say 640 by 512) and scale it as needed (to 320 by 256 for example).

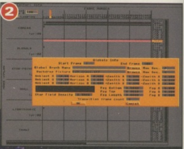
Step two

Create an Imagine project and after loading and positioning your objects, go to the Action editor. Open the Global settings and enter the path and filename of the backdrop image.

Step three

Render your project. You can use 256 or more colours if you like when creating the backdrop and Imagine will automatically reduce (or increase) the number of colours to suit the finished backdrop. Sometimes blurring the backdrop before you use it can produce very interesting results.


1
320x256
Mode
AddNoise
AlterHue
Antique
Balance
BasRelief
Blur
BrightMap
Brightness
ChromaKey
Claudia
Clone
Colourise
Contrast
CrossHatch
DeFocus
DeInterlace
DirtyPaint
DisplaceMap
Dither
Emboss
FalseColour
Flip
Gamma
GradientTint
Greyscale
Hex
HiLowLights
HueMap
Jitter
Limit
LineArt
MaskingPaint
Matrix
Median
Mirage
Mix
Monochrome
MotionBlur
Negative
Paint
Pixelise
Posterise
Randomise
Refract
Roll
RubEmboss
RubMix
RubTexture
RubThru
RubTint
Saturation
Sharpen
ShiftHue
ShiftRGB
Solarize
Split
Stagnate
Tile
TileBrick
Tint

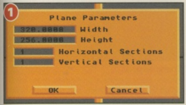

2
Globals Info
Start Frame
End Frame
Global Brush Name
Backdrop Picture
Browse
Ambient
Horizon
Zenith
Fog Bottom
Fog Top
Fog Length
Star Field Density
Transition frame count
Ok
Cancel

Solution 2

A backdrop might be OK for a still image but what happens when the camera changes position? Although you can animate a backdrop using multiple images, trying to keep in sync with camera movement is nearly impossible.

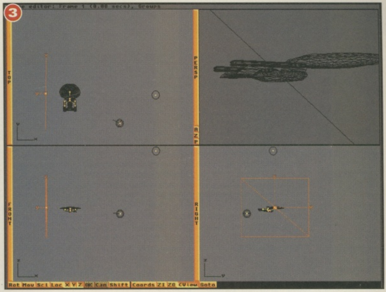
One exception would be a 3D star field moving towards the camera with an object, such as a space ship, static in the middle of the screen. You can create an animated star field using an Art Program such as Deluxe Paint, or try digitising the end credits to Star Trek TNG with ProGrab. By creating two animations, one with the stars moving into the centre of the screen, one with the stars moving towards the edges, you can create great chase scenes. Cut to a sequence with ship one, showing a view from above and behind, using the forward-looking star field. Then cut to a sequence of another ship, this time viewed from the front. The background stars are moving back into the centre. This gives the impression that the second ship is chasing the first.

However, a simple backdrop doesn't really suit animation. The second approach is to take the background texture and map it onto an object which can be shaped to suit the animation movements. A short pan from left to right might require a long rectangle, whilst a full 360 degree rotation might mean that you will need to map your design into a solid sphere and position your objects inside. This technique also has the advantage of showing through transparent objects. Here's how to do it ...



Plane Parameters

320.0000 Width
256.0000 Height
1 Horizontal Sections
1 Vertical Sections


3
e editor: Frame 1 (0.00 secs), Groups
TOP
PERSP
FRONT
RIGHT
Rot Mov Scl Loc X Y Z OK Can Shift Coords ZI ZO CView Goto

Step one

Create an image for the background, it doesn't matter about the resolution. In Imagine's Detail editor create a primitive plane to map the texture on to. Change the size to suit the resolution of the picture (if the image is 320 by 256, make the plane 320 units wide and 256 units high) and change the default 10 units to 1.

Step two

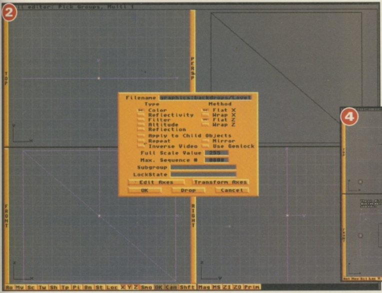
Now select the plane's attributes and pick Brush maps. Pick the background texture and keep to the default settings. Make sure the Bright setting is on: this will prevent the backdrop from being shaded and keep it uniform in colour. Now save your backdrop object.

Step three

Turn to the Stage editor and load in the Plane object. Scale and position it behind the key objects in your scene, making sure you can't see the edges. Don't use lights which cast shadows, although a Bright background object will be immune to shadows.

Step four

If you are being adventurous, you can use the transparent colour option to create several layers of backdrop for a bizarre parallax effect. Make the backdrop pattern a Filter map (in the Brushmap selection window) and use a pure white backdrop with areas of darker detail. The white areas will be transparent, the darker shades more opaque. Now add lots more layers and move them at different speeds for an 'interesting' effect. Great for dream sequences and alien nebulous life forms.


2
il editor: Pick Groups, Multi
TOP
PERSP
FRONT
RIGHT
Ro Mv Sc Tw Sh Tp Pi Bn St Loc X Y Z Sno OK Can Shft Mag MS ZI ZO Prim

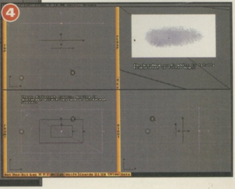
Filename graphics:backdrops/Lovel

Type
- ☒ Color
- ☐ Reflectivity
- ☐ Filter
- ☐ Altitude
- ☐ Reflection

Method
- ☒ Flat X
- ☐ Wrap X
- ☒ Flat Z
- ☐ Wrap Z

☐ Apply to Child Objects
☐ Repeat ☐ Mirror
☐ Inverse Video ☐ Use Genlock
Full Scale Value 255
Max. Sequence # 0000
Subgroup
LockState

Edit Axes
Transform Axes
OK
Drop
Cancel



Continued overleaf ▶▶▶

Solution three

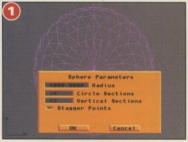
This final solution is my favourite, as it involves creating the entire universe as an Imagine object. As stars are really nothing more than points of light, there is absolutely nothing to stop you from creating several thousand small, bright objects. Nothing that is, except the three months it would take to do the job properly. Imagine creating an object, copying it, moving it and repeating it nine hundred and ninety nine times ... there just has to be an easier way.

There is, although it's taken me several years to find it. I wish I had thought of it, but I didn't: I read it on an old USENET posting so total respect to the genius who thought it up in the first place.

Here is how to create your own universe in a minute or so. You will need a sensible amount of memory to cope with all this (as you might expect, the universe is a big place) so if you get weird crashes try investing in some more Simms. About 8Mb of Fast RAM and a quick 030 is good to start with.

Step one

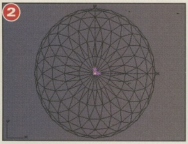
In the detail editor, create a primitive Sphere object (hit F5 and select the default sphere). Alter the size so that it's about 1000 units in diameter.


①

Sphere Parameters
- 1000.0000 Radius
- 24 Circle Sections
- 12 Vertical Sections
- ☑ Stagger Points

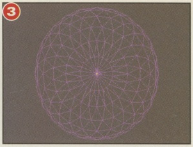
Step two

Use the Object menu, pick Add and select Axis. This gives our sphere an Axis and makes it a 'proper' object.


②

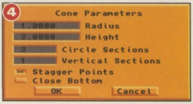
Step three

Select both objects and use Join from the Object menu. Now select Make Path from the menu too. This changes the Sphere from an object, to a Path which objects can follow (this itself is a wonderful concept to play with!)

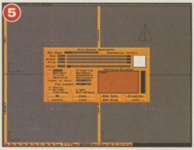

③

Step four

Now create a single star. The object has to be as small as possible and that means a miniature pyramid. Use the Cone primitive, like this:


④

Cone Parameters
- 1.0000 Radius
- 2.0000 Height
- 3 Circle Sections
- 1 Vertical Sections
- ☑ Stagger Points
- ☐ Close Bottom

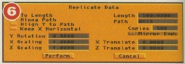

⑤

Step five

Alter the attributes of the star object so that it's white and bright. Later on you can create star objects with different colours if you wish.

Step six

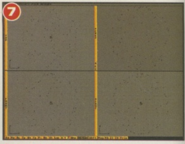
Now the fun part. Select the star object and then use the Functions menu, pick Mold and Replicate. Fill in the following settings (alter the 500 to a smaller number if you don't have much memory). Notice how the Sphere object is the path (it got renamed to Axis during the Join process)


⑥

Replicate Data
- To Length
- Along Path
- ☐ Align Y to Path
- ☐ Keep X Horizontal
- Length [illegible]
- Path AXIS
- Copies 500
- ☐ Mirror Ends
- Y Rotation 0.0000
- X Scaling 1.0000
- Z Scaling 1.0000
- X Translate 0.0000
- Z Translate 0.0000

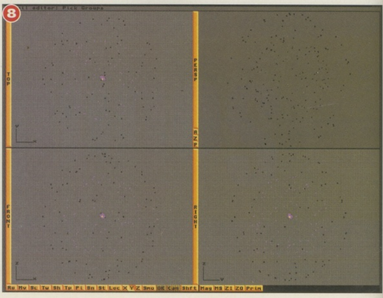
Step seven

When you click on OK the star object will be replicated five hundred times. You can now select and delete the original path. Whooee! Look at all them stars!


⑦

Step eight

Finally, copy the stars and paste them back again after scaling them and rotating them. Hey presto! One brill parallax starfield effect.


⑧

TOP
PERSP
FRONT
RIGHT
Ro Mv Sc Tw Sh Tp Pl Bn St Loc X Y Z Smo OK Can Shft Mag MS Z1 Z0 Prim

OSTAGE & PACKING
K -INCLUDED
UROPE - £ 2.00
EST OF WORLD- £ 3.50

Premier Mail Order

Please Send Cheques/POs Made out to Premier Mail Order or Visa/Mastercard/(Switch + Issue No) & Expiry Date to:

Dept:CU11 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ

Mon-Fri 9am-7pm Sat 10am-4pm. Please note: Some titles may not be released at the time of going to press. Most titles are despatched same day, but can take up to 28 days. VAT is INCLUDED on all titles. E&OE

TEL : 01268 271172
FAX : 01268 271173
CIS : 100307-1544

	500	1200	CD
Attack Sub	10.99	-	-
Approach Trainer	26.99	-	-
din	-	19.99	-
Breed 3D	-	22.99	22.99
Breed 3D 2	-	**22.99**	-
dja	8.99	-	-
Macleans Pool	10.99	-	-
ssins Games	-	-	19.99
OCITY	-	**19.99**	-
Winners 2	19.99	-	-
hee	-	7.99	-
of Prey	12.99	-	-
Crypt	10.99	-	-
tor	17.99	-	-
Z BASIC 2.1	**22.99**	-	-
Tennis	19.99	-	-
dnet	19.99	22.99	-
Blows Galactic	-	22.99	-
Romeo Delta	8.99	-	-
EATHLESS	-	**26.99**	-
Paws of Fury	-	19.99	19.99
be & Squeak	17.99	19.99	19.99
ckan	10.99	-	-
time	17.99	17.99	-
non Fodder 2	19.99	-	-
non Fodder	12.99	-	-
daxx	8.99	-	-
MP MANAGER 2	**19.99**	-	-
OS ENGINE 2	**19.99**	**19.99**	-
Football	9.99	9.99	-
& Country	7.99	-	-
A1200 Bundle - *Skeleton Krew, hee, Heimdall 2*	-	12.99	-
CD32 Bundle 2 - *Bubba n Stix, ier, Chuck Rock 1+2*	-	-	16.99
nic Spacehead	17.99	-	-
ergirl Poker	12.99	-	-
t for AMOS	17.99	-	-
CKET MASTERS	**16.99**	-	-
ue Paint V	59.99	-	-
nomaniac	17.99	-	-
rt Strike	12.99	-	-
e 1 or 2	12.99	-	-
geon Master 2	-	22.99	-
e 2 - Frontier	19.99	-	-
rald Mines	-	-	12.99
GMA	-	**19.99**	-
c	12.99	-	-
pean Champions	10.99	-	-
la	9.99	19.99	19.99
actors	-	-	19.99
REME RACING	-	**12.99**	-
3	10.99	-	-
es	-	12.99	-
LDS OF GLORY	-	-	**8.99**
Soccer	19.99	-	-
TBALL MASTERS	**16.99**	-	-
ball Statistician Pro	14.99	-	-
er Gold Collection - *Bump N Burn + ke + Nick Faldos Golf*	-	-	19.99
MULA ONE MASTERS	**16.99**	-	-
works	7.99	-	-
om	-	19.99	19.99
om 2	-	-	19.99
OM DELUXE	**19.99**	-	-
och-2nd Innings	11.99	-	-
och-Test Match Special	19.99	-	-
och-W Class Cricket	9.99	-	-
och - 94/95 D/Disk	4.99	-	-
och - Battle for Ashes	4.99	-	-
rdian	-	8.99	8.99
Nova	8.99	-	-
Compilation - *Sensible Soccer Euro mps,Push Over,Road Rash,Cool Spot,The mans,Desert Strike*	17.99	-	-
MANS 3	-	**19.99**	**19.99**
mortal	10.99	-	-
napolis 500	10.99	-	-
ght Dinosaurs	-	-	14.99
lligent Strategy Games *Chess,Bridge,Go, kgammon,Checkers,Renju,Gomoku,4 In A e,Chinese Chess*	19.99	-	-
rnational One Day Cricket	9.99	-	-
TOS -AMOS	**16.99**	-	-
my White's Snooker	12.99	-	-
n Madden Football	10.99	-	-
gle Strike	-	21.99	21.99
G	12.99	-	-
k Off 3	-	9.99	-
k Off 3 Euro Champs	-	9.99	-
CK OFF '96	-	**12.99**	-
gpin	10.99	12.99	12.99
mings 1	-	-	19.99
n King	-	19.99	-
bard RAC Rally	6.99	-	-
e Of The Temptress	12.99	-	-
nens Marvellous Adv	-	-	19.99
ssengers Of Doom	19.99	-	-
CROPROSE GOLF	**12.99**	-	-
dwinter	10.99	-	-
ghty Max	17.99	19.99	-
rph	-	7.99	8.99
sic X 2.0	27.99	-	-
LTI MEDIA EXPERIENCE	**24.99**	-	-
tant League Hockey	17.99	17.99	-
poleonics	12.99	-	-
y Moves	6.99	-	-
CROMANTICS	-	-	**21.99**
el Mansells W/Champ	8.99	-	-
yssey	17.99	-	-
e Day Cricket	8.99	-	-
The Ball-League Edition	-	22.99	-
eration Harrier	8.99	-	-
erlord	22.99	-	-
A Tour Golf	12.99	-	-
ball Dreams & Fantasies	22.99	-	-
BALL FANTASIES	**9.99**	**19.99**	**24.99**
ball Illusions	-	19.99	19.99

	500	1200	CD
Pinball Mania	-	19.99	-
PINBALL PRELUDE	**19.99**	**19.99**	**19.99**
Populous & Promised Lands	12.99	-	-
Populous 2	12.99	-	-
PowerBase v3.5....(Database)	12.99	-	-
Powerdrive	9.99	19.99	19.99
Powerhouse	22.99	22.99	-
Powermonger & D/Disk	12.99	-	-
PREMIER MANAGER 3 DLX	**13.99**	-	-
Prem Man 3 Multi Edit Sys	10.99	-	-
Prime Mover	17.99	-	-
Pushover	8.99	-	-
Pussies Galore	-	16.99	16.99
Reach For The Skies	12.99	-	-
Realms	10.99	-	-
Rise Of The Robots	17.99	12.99	12.99
Risky Woods	10.99	-	-
Roadkill	-	8.99	8.99
Road Rash	10.99	-	-
Rugby League Coach	19.99	-	-
Ruffian	13.99	-	-
Sensible Golf	19.99	-	-
Sens Wrld of Soccer 95/96	16.99	-	-
Sens Wrld of Soccer Euro96	16.99	-	-
Shuttle	12.99	-	-
Sierra Soccer	16.99	-	-
SIM CITY 2000	-	**12.99**	-
Skitchin	17.99	17.99	17.99
SLAMTILT	-	**19.99**	-
Sleepwalker	8.99	8.99	-
Soccer Stars 96	24.99	24.99	-
Soccer Team Manager	10.99	-	-
Speris Legacy	-	19.99	19.99
Spherical Worlds	17.99	-	17.99
Star Crusader	-	19.99	-
Star Fighter	-	19.99	-
Strike Fleet	10.99	-	-
STRIP POT	-	**9.99**	**9.99**
Suburban Commando	7.99	-	-
Subversion	8.99	-	-
Super League Manager	19.99	19.99	19.99
Super Skidmarks	12.99	-	12.99
Super Skidmarks D/Disk	12.99	-	-
Super Streetfighter 2	20.99	-	-
Super Streetfighter 2 Turbo	-	20.99	20.99
Super Tennis Champ	17.99	-	-
Supremacy	10.99	-	-
Syndicate	12.99	-	-
Tactical Manager	19.99	-	-
Test Match Cricket	7.99	-	-
The Clue	-	19.99	-
The Games	10.99	-	-
Total Football	22.99	-	-
Touring Car Challenge	12.99	-	-
Tower of Souls	19.99	19.99	-
Traps & Treasures	17.99	-	17.99
Treble Champions 2	7.99	-	-
Triple Action - Vol 6 - *Super Tetris + Airball + Time Bandit*	9.99	-	-
Turbo Trax	19.99	-	-
Turning Points	12.99	-	-
Ultimate Golf	8.99	-	-
Ultimate Soccer Manager	-	19.99	-
Uncovered	17.99	-	-
Vital Light	19.99	-	19.99
Watch Tower	-	16.99	-
Wheel Spin	-	19.99	-
Wing Commander	12.99	-	-
Winter Gold	12.99	-	-
Wizkid	10.99	-	-
World Cup Golf	-	-	29.99
WORLD CUP YEAR '94	**19.99**	-	-
World of Football	19.99	-	-
WORLD GOLF	**12.99**	-	-
World of Soccer	7.99	-	-
Worlds at War	6.99	-	-
WORMS	**19.99**	-	**19.99**
XP 8	**19.99**	**19.99**	-
Zeewolf	12.99	-	-
ZEE WOLF 2 - WILD FIRE	**25.99**	-	-

SPECIAL OFFERS

5th Gear	1.99	-	-
Archipelagos	1.99	-	-
Artificial Dream	1.99	-	-
Artura	1.99	-	-
Battleships	1.99	-	-
Battle Valley	1.99	-	-
Beyond The Ice Palace	1.99	-	-
Body Blows	12.99	12.99	-
Bubba n Stix	4.99	-	4.99
Chuck Rock 2	4.99	-	4.99
ClockWiser	9.99	9.99	9.99
COLONISATION	**14.99**	-	-
Cool World	8.99	-	-
Corporation	4.99	-	-
Dark Fusion	1.99	-	-
Deflektor	1.99	-	-
Demolition	1.99	-	-
Dennis	-	-	12.99
Dogs Of War	1.99	-	-
Dragonstone	4.99	-	4.99
Eye Of Horus	1.99	-	-
Fighter Mission	1.99	-	-
Fire Blaster	1.99	-	-
Flight Path 737	1.99	-	-
Football Glory	8.99	8.99	-
Frost Byte	1.99	-	-
H.A.T.E	1.99	-	-
Heimdall	4.99	-	-
Heimdall 2	4.99	7.99	-
Highway Patrol 2	1.99	-	-
Iron Trackers	1.99	-	-
Jaguar XJ220	4.99	-	-
J Nicklaus Designer Clip Art	7.99	-	-
Jetstrike	9.99	9.99	9.99
Jump Jet	1.99	-	-
Last Ninja 3	-	-	9.99

	500	1200	CD
Las Vegas	1.99	-	-
Mad Show	1.99	-	-
Manhatten Dealers	1.99	-	-
Mean Arenas	-	-	12.99
Morph	-	7.99	-
Mouse Trap	1.99	-	-
Myth	-	-	12.99
Naughty Ones	-	-	12.99
Out To Lunch	-	-	12.99
Phantasm	1.99	-	-
PLAYER MANAGER 2	**7.99**	-	-
PLAYER MAN 2 EXTRA	-	**7.99**	-
Plutos	1.99	-	-
Powergames	-	-	12.99
Quadralien	1.99	-	-
Quntox	1.99	-	-
Sabre Team	-	-	12.99
Seconds Out	1.99	-	-
Shadowfighter	9.99	9.99	-
Skeleton Krew	-	7.99	4.99
SIMON THE SORCEROR 1	**12.99**	**12.99**	**12.99**
Skidmarks	8.99	-	-
Slayer	1.99	-	-
Space Station	1.99	-	-
Starblaze	1.99	-	-
Star Ray	1.99	-	-
Steel	1.99	-	-
Steve Davis Snooker	4.99	-	-
Syndicate	12.99	-	-
Thai Boxing	1.99	-	-
Torvak	4.99	-	-
Total Carnage	-	-	12.99
Universe	4.99	-	8.99
VIRTUAL KARTING	-	**12.99**	-
Warzone	1.99	-	-
Wembley Int Soccer	-	7.99	7.99
Wembley Rugby League	7.99	-	-
Wolfchild	4.99	-	-
Wonderdog	4.99	-	-
World Class Rugby 95	9.99	-	-
Zool	8.99	-	8.99

EDUCATIONAL

Better Spelling (8-10)	13.99	-	-
Better Maths (12-16)	13.99	-	-
Cave Maze (8-12)	10.99	-	-
Fraction Goblins (8-13)	10.99	-	-
Insight Dinosaurs	-	-	14.99
Junior Typist (5-10)	10.99	-	-
Kid Pix	10.99	-	-
Magic Maths (4-5)	13.99	-	-
Maths Dragons (6-13)	10.99	-	-
Maths Mania (8-12)	13.99	-	-
Picture Fractions (7-10)	10.99	-	-
Reasoning With Trolls (5-12)	10.99	-	-
Tidy The House (6-10)	10.99	-	-

JUNIOR ADVENTURES

Robin Hood (8+)	13.99	-	-
Scrooge - Xmas Carol (8+)	13.99	-	-
The Three Bears (5-10)	13.99	-	-
Wind In The Willows (6+)	13.99	-	-
Wizard Of Oz	13.99	-	-

JOYSTICKS & ACCESSORIES

AAR=ANALOG ADAPTER REQUIRED

100 Capacity 3.5" Disk Box	7.99
4 Player Joystick Adapter	4.99
Accelerator 68020 EC Bare for A500/+	95.99
Amitek Fusion Genlock	94.99
Analögue Joystick Adaptor	4.99
Automatic Joystick/Mouse Splitter	14.99
CH FLIGHTSTICK (ANALOGUE)(AAR)	**29.99**
External 880K Floppy Drive	59.99
GRAVIS ANALOGUE JOYSTICK (AAR)	**19.99**
Internal 880K Floppy Drive A500	47.99
Internal 880K Floppy Drive A600/A1200	49.99
Mouse	10.99
Mousemat	1.99
Joystick/Mouse Extension Cable	6.99
Joystick Y Splitter	4.99
Logic 3 Delta Ray Autofire JY156	10.99
Logic 3 Alpha Ray - Autofire	10.99
Logic 3 Sigma Ray - Autofire	12.99
POWER SUPPLY UNIT	**39.99**
Quickjoy Pedals SV129	9.99
Quickjoy II Turbo SV124	10.99
Screenbeat 3 Speakers SB203	12.99
Screenbeat 4 Speakers SB204	11.99
Screenbeat 5 Speakers SB205	11.99
Screenbeat 25 Speakers SB 225	21.99
Screenbeat Pro 50 Speakers SB250	32.99
Screenbeat RCA Adapter Cable	1.99
Screenbeat Power Supply	7.99
Thrustmaster XL Joystick (AAR)	27.99

Amiga CDROM

So Ho CDROM

Amiga Tools 3	24.99
Amiga Utilities 2	19.99
Aminet Set 1 or 2	24.99
Aminet 7,8,9,10,11 or12	14.99
Aminet 94-02	9.99
Amos CD	19.99
Animations	19.99
Artwork Colour	9.99
C-64 Sensations	19.99
CD Boot	32.99
CD Write	32.99
Clip Art	9.99
Fonts	9.99
FreshFonts 1 or 2	19.99
Gateway	9.99
Giga Graphics	24.99
Gold Fish 1 or 2	24.99
Graphics Sensation	14.99
Hottest 4	9.99
Hottest 6	14.99
Illusions in 3D	4.99
Meeting Pearls 3	9.99
Multimedia Toolkit 2	24.99
Network CD2	14.99
Octamed 8	24.99
Professional Fonts & Clipart	9.99
Professional IFF & PCX Library	19.99
Professional Utilities 1-1500	19.99
Sound Library & GRX Library	19.99
Textures 1	32.99
The Beauty Of Chaos	9.99
The Colour Library	9.99
The Light Rom	32.99
The Light Rom 2	32.99
The Light Works	24.99
UPD Gold	24.99
World Of Clipart	9.99
World Of GIF	9.99
World Of Photo	9.99
World Of Sound	9.99

Over 18's CDROM

Glamour Titles - Over 18 Only Amiga CDROM

Adult Sensations	19.99
Asian Dream Girls 1 or 2	14.99
Asian Pleasures 1 or 2 or 3 or 4	29.99
Coloureds & Asians	10.99
European Dream Girls 1 or 2 or 3	14.99
Hot Pie	9.99
Hot Spot Women 1 or 2 or 3	15.99
Oriental Fantasies 1 or 2 or 3	15.99
Photo Studio	15.99
Pin Up Girls Vol 2	16.99
Pixels of Passion 1 or 2	29.99
Sexy Sensations	19.99
Scandanavian Cover Girls 1 or 2 or 3	15.99
Women From Lesbos 1 or 2	15.99
World Of Pinups Vol 1	9.99
World Of Pinups Vol 2	12.99

BLANK 3.5" DISKS

RECYCLED DS/DD Low Density

10 @ 2.99 20 @ 5.50 50 @ 12.50 100 @ 22.50

EXPAND YOUR AMIGA MEMORY AUTO CONFIGURES AS FASTRAM - 70 NS

RAM Board - A1200 - Bare	**59.99**
RAM Expansion 4 MEG 72 Pin SIMM	**59.99**
RAM Expansion 8 MEG 72 Pin SIMM	**139.99**
RAM Expansion 16 MEG 72 Pin SIMM	**279.99**

PD & Shareware

BUSINESS

B001 A-Gene (1 meg)	1.25
B004 Ami Cash	1.25
B005 Amibase Prof	1.25
B006 600 Business Letters	1.25
B007 Text Engine	1.25
B011 A-Gragh	1.25
B013 Analytic ALC	2.50
B015 Stock Analyst	1.25
B017 Budgets V1.34	1.25

EDUCATIONAL

E002 The Bible (4 Disks)	4.99
E003 World Databank	1.25
E006 Total Concepts	1.25
E007 Bank Talk	1.25
E008 Dunks DTP	1.25
E009 Colour The Alphabet	1.25
E010 The Highway Code	1.25
E011 Junior Maths	1.25
E012 Electronic Train Set (1 MEG)	1.25
E013 Learn & PLay 1	1.25
E014 Learn & Play 2	1.25
E015 Treasure Hunt	1.25
E016 Wraithed One	1.25
E017 Story Land 2	1.25
E018 Wotitsname	1.25

CREATIVE

C002 Label Designer	1.25
C003 Super Fonts	1.25
C005 Deluxe Paint Tutor	1.25
C006 Shadow Demo Maker	1.25
C009 Lllinois Labels	1.25
C011 Word Power	1.25
C012 Font Farm	1.25
C013 Wine Maker	1.25
C014 Assassins	1.25
C016 Garden Designer	1.25
C017 X Beat	1.25

UTILITIES

U003 The Workshop	1.25
U006 Address Book	1.25
U008 Asteroid	1.25
U010 Autograph	1.25
U014 Panasonic Printer Driver	1.25
U015 H.P. Printer Driver	1.25
U016 Seikosha Printer Driver	1.25
U017 Cannon & Citizen Printer Driver	1.25
U020 Bad Format	1.25
U021 Amiga Beginers Guilde	1.25
U022 Better Bench V1.2	1.25
U023 De-grader 500 600 1200	1.25
U024 Extermin-8 Virus Killer	1.25
U028 Action Replay For The 600	1.25
U029 Amiga Tutorial	1.25
U030 A.C.E.S Database	1.25
U035 Text Plus v4.00	1.25
U038 Number Pad For 600	1.25
U039 Calorie Base	1.25
U040 J R Comm	1.25
U041 Race Raptor	1.25
U042 Pools Pools V2	1.25
U043 Training Log	1.25
U044 Mastie Niblick	1.25
U045 D-Solve	1.25
U046 Lockpic v2.0	1.25
U047 Relo Kick v1.4	1.25
U048 Procad Electroid	1.25
U049 Dividends Winner	1.25
U052 Essential Virus Killer	1.25
U053 Soccer League	1.25
U054 TERM V 4.0	3.75
U055 Virus Checker V 7.18	1.25
U056 Parnet	2.50
U057 Disksalve	1.25

DEMOS & RAVE

D001 Night Breed	1.25
D002 Iron Maiden Slideshow	1.25
D003 Good Morning Vietnam	1.25
D004 Creep Show	1.25
D005 Fraction Horror Show	1.25
D006 Total Recall Slideshow	1.25
D007 Evil Dead (1 meg)	1.25
D008 Batman Cartoon	1.25
D009 Robocop	1.25
D010 Viz Slideshow	1.25
D011 Not The 9 Oclock News	1.25
D012 Raider Of The Lost Ark	1.25
D013 Predator Demo	1.25
D014 Safe Sex	1.25
D015 Stealthy 2 (1 meg)	1.25
D016 Jimi Hendrix Slideshow	1.25
D018 Holsten Pils	1.25
D019 Popeye Meets The Beach Boys	1.25
D021 Moonwalker Demo	1.25
D022 Mike Tyson (1 meg)	1.25
D024 Terminator	1.25
D026 Life Of Brain	1.25
D027 The Garfield Slideshow	1.25
D028 Teenage Turtles Slideshow	1.25
D029 WWF Slideshow	1.25
D030 The Gathering GFX	1.25
D041 Enterprise Leaving Dock	1.25
D042 Girls of Sport	1.25
D043 The Run (1 meg)	1.25
D046 How To Skin A Cat	1.25
D047 Calendar Girls	1.25
D049 Techno Warrior	1.25
D050 Jesus Loves Acid	1.25
D052 Rave Length	1.25

MUSIC

M028 Pink Floyd The Wall Remix	1.25
M029 No Limits	2.50
M030 Cybernex	1.25
M031 Motiv-8	1.25
M032 Sound Track Sampler (4 disks)	4.99

GAMES

G014 Zalycon	2.50
G015 Earth Invaders	1.25
G017 Mayhem	1.25
G018 The Fun House	1.25
G019 Amos Games	1.25
G020 Games Galore	1.25
G021 Quadrix (pal only)	1.25
G022 Buzzard	1.25
G023 Break Out	1.25
G024 Demolition Mission	1.25
G025 Lady Bug (not 600 or 1200)	1.25
G026 Depth Charge	1.25
G029 Dual	1.25
G030 Spitfire Assault	1.25
G032 Relayer	1.25
G034 Top Secret	1.25
G035 Flagcatcher	1.25
G036 Wizwar	1.25
G038 Calculus Combat	1.25
G039 Blob	1.25
G040 Sector	1.25
G041 Gush	1.25
G042 Smurf Hunt	1.25
G043 Super League Manager	1.25
G044 Quiz Master & Editor	1.25
G045 Revenge Of The Mutant Camels	1.25
G046 Tank Attack	1.25
G047 White Knight	1.25
G048 Wibble World Giddy	1.25
G051 Atlantis	1.25
G052 Adventure Soultions (not 1200)	2.50
G053 Legend Of Lothian	1.25
G054 Iron Clads (not 1200)	2.50
G055 Wizars Wars	1.25
G056 Fortress (demo)	1.25
G057 Neighbours Adventure	2.50

SPORTS

SP001 Top Of The League	1.25
SP004 Mr.Men Olympics	2.50
SP005 Slamball	1.25
SP006 Strikeball	1.25
SP007 Amos Cricket	1.25

SIMULATIONS

SM001 5 Simulation Games (not 1200)	1.25
SM002 Return To Earth	1.25
SM003 Napoleonic Warfare Sim v5	1.25
SM004 Wheel of Fortune (not 1200)	1.25
SM005 Card Sharp	1.25
SM006 Sub Attack	1.25
SM007 Roulette	1.25
SM008 Act Of War	1.25

WE ALSO SELL SOFTWARE & PERIPHERALS FOR FOR: PC; MAC; PSX; SEGA SATURN; SEGA MEGADRIVE - E&OE

Wired World

PART 16

Pretty pictures on web sites are great but it's annoying if they take a long time to download. Here's how you can get around this problem.

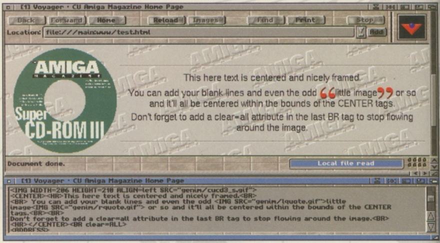
After last month's advanced hocus pocus with Client Side Image Maps, we'll move back to some basics and then add some more advanced techniques later.

I've had a couple of Emails asking about text and image centring so I'll tackle this to begin with. There's a couple of ways to do this, firstly there's a 'Netscapism' tag called <CENTER> which does exactly what it says on the tin. You insert <CENTER> add some text and/or images and then terminate with </CENTER>.

One nice way of using <CENTER> is in conjunction with aligning an image to the left or right rather than simply centring the text above or below. You would do something like this with the following HTML;

```
<IMG align=left SRC="somepic.gif">
<CENTER>This here text will be centred.</CENTER>
<BR clear=all>
```

This example will align the in-line picture to the left of the display. The text is then free to carry on wrapping around the image on the right as you would expect but it's now centred to the right of the picture. What's more, you can add nice <HR> tags for horizontal breaker lines and they will frame the centred text quite attractively.



Location: file:///main:www/test.html

This here text is centered and nicely framed.

You can add your blank lines and even the odd ❝little image❞ or so and it'll all be centered within the bounds of the CENTER tags.

Don't forget to add a clear=all attribute in the last BR tag to stop flowing around the image.

Document done.

Local file read

[1] Voyager · CU Amiga Magazine Home Page

```
<IMG WIDTH=206 HEIGHT=210 ALIGN=left SRC="genim/cucd3_s.gif">
<CENTER><HR>This here text is centered and nicely framed.<BR>
<BR> You can add your blank lines and even the odd <IMG SRC="genim/lquote.gif">little
image<IMG SRC="genim/rquote.gif"> or so and it'll all be centered within the bounds of the CENTER
tags.<BR><BR>
Don't forget to add a clear=all attribute in the last BR tag to stop flowing around the image.<BR>
<HR></CENTER><BR clear=ALL>
<ADDRESS>
```

▲ Here's a good example of using the <CENTER> tag. Note how it's centred in the space for text which has been wrapped around the image.

Return to sender

The MailTo tag is one more Netscapism and a worthy addition to HTML which has been taken on-board by most other browsers. This is extremely common to add at the bottom of web pages so that people can Email comments directly to the author of the pages by simply clicking on the link.

The MailTo tag looks similar to a standard <A> link but takes the form of; <A HREF="mailto:joe@blogs.com">. This will tell the browser to start the process of Emailing joe@blogs.com when the link is clicked on. What's more, there's another handy field which can be added right after the Email address in the form of '?Subject=' and the subject of the Email which would make it easy to identify where the Email was launched from. For example;

```
Click
<AHREF="mailto:joe@blogs.com?Subject=WWW">here</A> to Email me.
```

The word 'here' will be underlined as usual with a link and the Email will have the subject of 'WWW'. It's important to note that this is met by a varying degree of success depending on the browser involved. AWeb and Voyager will need scripts to launch existing mailers while IBrowse and the PC posse has the Email functions built-in. There's nothing to stop you from using an image as usual, perhaps a picture of an envelope, just make it clear that it will Email the person involved.

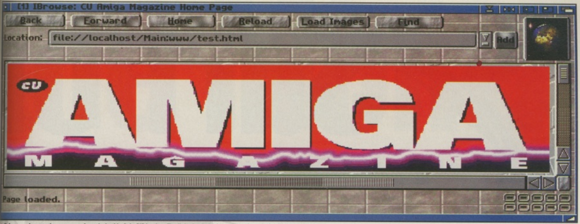
An extra boost

Now we'll move on to an advanced topic and one which has taken the WWW by storm. It's one thing having pretty web pages but they can look a little static and this is where a little bit of animation can work wonders. Animating a small aspect here and there can give the documents a little extra life. To create some animation you need AnimGIFs. However, AnimGIFs aren't very efficient as an animation method so you must be spartan when using them or risk annoying your visitors.

Currently the only Amiga browser to support AnimGIFs is the commercial IBrowse from HiSoft but the others should implement support for it before too long. This doesn't offer too much concern since the first frame of AnimGIFs will be displayed on browsers not supporting the standard.

Firstly, we'll need a tool to create AnimGIFs and since this is a fairly new development, there's no decent native Amiga software available. Fortunately, there's a port of a Unix command line (shell) driven tool called WhirlGIF which can handle this. WhirlGIF can be found on the CD in the Magazine/Wired World drawer or on the Aminet in the path; gfx/conv/WhirlGIF20.lha

To work properly WhirlGIF needs individual frames of the animation in GIF format (it doesn't matter whether they're 87 or 89a types). The frames should be of the same size and use the same palette. This can be tricky but exactly how you do this really depends on the graphics manipulation packages you use. One



Location: file://localhost/Main:www/test.html

Page loaded.

▲ Unfortunately a static screen grab can't do this AnimGIF justice. The lightning bolt shown here through the CU Amiga logo dances around courtesy of ImageFX 2.6 and the 'randomise' button.

technique is to set the palette to something which should cover all of the frames, load the images as brushes and remap the brushes to the screen palette. PPaint and DPaint can deal with this easily.

WhirlGIF should be driven in the shell with something looking like;

```
WhirlGIF -o animgif.gif -time 50
frame1.gif frame2.gif ...
```

The file animgif.gif here is the output AnimGIF and the value after '-time' is the amount of time that each frame will be displayed in ticks, so 50 is one second. The raw input GIFs are then specified from first to last. If the AnimGIF is to be transparent, the transparent colour should be the same (ie the background) on all frames. An additional argument of '-trans' followed by the number of the palette which is transparent, will be required. You can tell this from your paint package.

It's even possible to specify the time variable for each frame in case you want to have a single frame displayed longer or shorter than the rest. In this case a full example might look like this;

```
WhirlGIF -o animgif.gif -trans 0
-time 20 f1.gif -time 30 f2.gif
-time 40 f3.gif
```

The resulting AnimGIF can really only be tested inside IBrowse so simply create an in-line graphic and specify the AnimGIF. It's still a good idea to use the width and height tags, you may as well let the browser lay out the pages correctly while it waits to load the AnimGIF.

Billboard effect

So what sort of things might AnimGIFs be used for? One common but simple method is to have just a few frames sporting some changing text banners. Done correctly, this looks like a kind of stadium billboard which is quite useful for maximising impact and space. This is quite common on web searcher sites now where every advertiser is allotted a single GIF. Other more interesting uses could be to add a touch to a logo such as on SASG's superb web site at http://www.sasg.com. Note the spinning globe at the top.

Unfortunately in this case the webmaster has used some PC software which isn't available on the Amiga. The AnimGIF standard lets you animate only a portion of the GIF while using WhirlGIF you'll have to include each whole frame so it's best not to try and replicate what SASG have done with their spinning globe until some proper Amiga AnimGIF processing software appears.

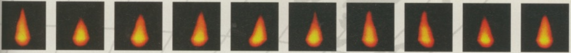
However, SASG's glowing help button is a good example of how a large-time value before a faster sequence of frames is used to achieve the rising and falling luminosity effect. SASG's Tiny rotating bullet points is another excellent example of AnimGIFs. This kind of thing could be easily created in DPaint using the brush moving function Spin, Twirl or otherwise a small arrow. Colour the 'other' side of the arrow as it turns and save out the individual frames. Then convert the frames to GIFs before giving them the WhirlGIF treatment.

Why not go the full monty and drag out your copy of Imagine from January's copy of CU Amiga Magazine? Load a postscript font into the spline editor's Load Font function. Choose add points, extrude the font some, then save out the points as an object.

Try Imagine's detail editor for applying a nice attribute such as gold too. This text object can then be animated as per John Kennedy's tutorials on the subject. A simple rotation would do. There need only be 10 or so frames and the output renders would only have to be 50 x 50 or so which will make for extraordinarily quick rendering. However, after converting the frames to an AnimGIF, you could have rotating 'NEW' graphics which actually sparkle as the edges pass the camera. There's no limit to what you can add to a Web page given a little bit of imagination and some restraint concerning the frames, colour depth and size of the image. ■

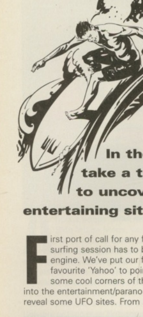
Mat Bettinson

GIFs and the Amiga



It's a shame that the AnimGIF has appeared as the most common simple animation standard for the Web. Not only is it not a very efficient standard but it has the same legal problems as the standard GIF format with the Unisys patent etc. This means it's increasingly hard to find new software which has support for the GIF file format built-in. Many, like Cloanto's Personal Paint and Nova Design's ImageFX, have used the freely redistributional modules approach. That means that the loader/saver modules aren't present in the actual package but are available to anyone free of charge. This gets around a license code needing to be paid for the use of GIF. These modules are of no use to anyone else but owners of the package in question but if it keeps the price down who's complaining?

ImageFX is no longer shipped with a GIF loader/saver but it can be found on the Aminet in the path biz/patch/ifxgifb1.lha This is a superb implementation of the GIF standard with full progressive and transparency support. By using ImageFX's effects, an original frame can be modified, saved as a GIF ready for WhirlGIF, the undo function applied, the effect altered slightly and so on.



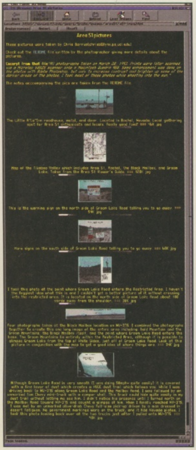
Surf of

In the first of a regular new series we take a trip through the World Wide Web to uncover some of the more useful and entertaining sites out there ...

First port of call for any free-range surfing session has to be a good search engine. We've put our faith in the old favourite 'Yahoo' to point us towards some cool corners of the Web, digging into the entertainment/paranormal section to reveal some UFO sites. From here we've chosen to kick off with a tour around the notorious 'secret' US Air Force base known as Area 51, a remote dry lake bed used to test new military aviation technology. The address is: (www.ee.fit.edu./users/lpinto/sec-a51.html).

Located in the Nevada desert, Area 51 was of course the location of the Roswell Incident, in which it is alleged that aliens crash landed their spaceship and were then taken away to the nearby military installation for examination. The official comment from Area 51 has not been consistent, and the incident has never been explained, leading to hundreds of different theories from UFO enthusiasts. Personally I reckon the crash was simply a prototype aircraft (presumably there are plenty of these at an Air Force site which 'tests new military technology') and that the subsequent film footage of the aliens' post-mortem was a pretty daft fake. Spooky eh? Well, it's a theory anyway ...

There are some photos of the area taken by a visiting UFO fan which include shots of the



Area 51pictures

These pictures were taken by Chris Borrus(chris@lynx.ps.uci.edu)

Check out the README file written by the photographer giving more details about the pictures.

Excerpt from that file: *"All photographs taken on March 28, 1992. Prints were later scanned via a Microtek 600ZS scanner onto a Macintosh Quadra 950. Some enhancement was done on the photos with Adobe Photoshop, but only to increase contrast and brighten up some of the darker areas of the photos. I took most of these photos while shooting into the sun."*

The notes accompanying the pics are taken from the README file.

The Little A'Le'Inn roadhouse, motel, and diner. Located in Rachel, Nevada. Local gathering spot for Area 51 enthusiasts and locals. Really good food! === 46K jpg

Map of the Tikaboo Valley which includes Area 51, Rachel, the Black Mailbox, and Groom Lake. Taken from the Area 51 Viewer's Guide. === 120K jpg

This is the warning sign on the north side of Groom Lake Road telling you to go away. === 54K jpg

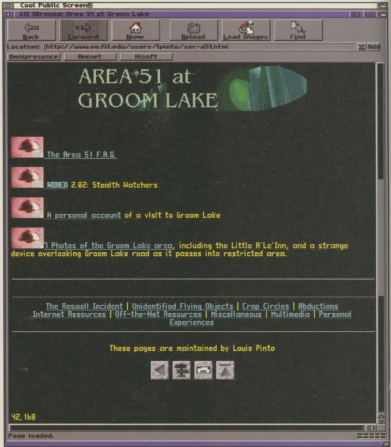
More signs on the south side of Groom Lake Road telling you to go away. === 60K jpg

I took this photo at the point where Groom Lake Road enters the Restricted Area. I haven't the foggiest idea what this is and I couldn't get a better picture of it without crossing into the restricted area. It is located on the north side of Groom Lake Road about 100 yards away from the shoulder. === 38K jpg

Four photographs taken at the Black Mailbox location on NV-375. I combined the photographs together to create this one long image of the entire area including Bald Mountain and the Groom Mountains, the Black Mailbox itself, and the point where Groom Lake Road enters the base. The Groom Mountains lie entirely within the Restricted Area, although it is possible to glimpse Groom Lake from the top of White Sides, just off of Groom Lake Road. Look at this picture in conjunction with the map to get a good idea of where things are. === 74K jpg

Although Groom Lake Road is very smooth (I was doing 50mph+ quite easily) it is covered with a fine layer of dust which creates a HUGE dust trail which follows you. While I was driving back to NV-375 along Groom Lake Road and the Mailbox Road, I was followed by an unmarked tan Chevy mini-truck with a camper shell. This truck could hide quite easily in my dust trail without letting me see him. I didn't notice his presence until I turned north on the Mailbox Road toward NV-375 and caught a glimpse of him. When I finally reached NV-375, I was met by an unmarked olive-drab Chevy full-size pick-up driven by a man dressed in desert fatigues. No government markings were on the truck, and it had Nevada plates. I took this photo looking back over at the two trucks just after I pulled onto NV-375. === 48K jpg

Page loaded.



Location: http://www.ee.fit.edu/users/lpinto/sec-a51.html

AREA 51 at GROOM LAKE

The Area 51 F.A.Q.

WIRED 2.02: Stealth Watchers

A personal account of a visit to Groom Lake

Photos of the Groom Lake area, including the Little A'Le'Inn, and a strange device overlooking Groom Lake road as it passes into restricted area.

The Roswell Incident | Unidentified Flying Objects | Crop Circles | Abductions
Internet Resources | Off-the-Net Resources | Miscellaneous | Multimedia | Personal Experiences

These pages are maintained by Louis Pinto

42, 168

Page loaded.

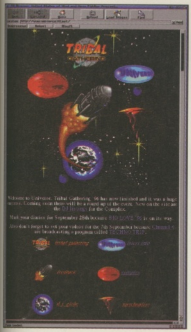
the Month

signs warning people of arrest if they enter the area, a 'strange construction' peeping over a hill, and the local diner cum motel named The Little Ale Inn. Previews are displayed on the page, with bigger JPEGs available from a mouse click. Cycling back a page or two will get you back to almost limitless links to other UFO and paranormal sites which should keep fans going for hours on end.

Now for something completely different

The club and festival organisers Universe have a particularly nice looking site with details on previous and forthcoming events. Although at the time of writing it's still adorned with the Tribal Gathering graphics (the year's top dance music festival) it's got useful information for any techno and house fans in the London area, with full listings of the DJ line-ups for their club nights at the Complex club in Islington. We've picked it out here mainly because it's got some of the best graphics of any of the sites we've visited this month – look: no drop-shadows!

You'll find it at http://www.universe.itl.net

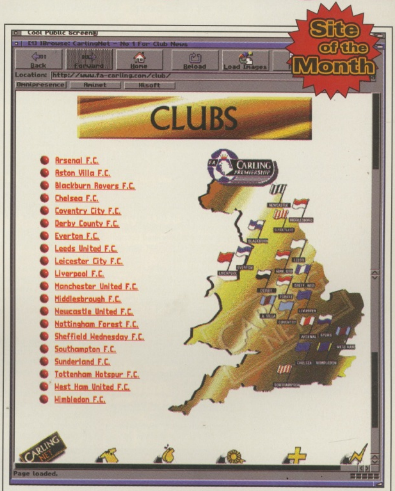


Welcome to Universe. Tribal Gathering '96 has now finished and it was a huge success. Coming soon there will be a round up of the event. New on the site are the DJ listings for the Complex.

Mark your diaries for September 28th because BIG LOVE '96 is on its way.

Also don't forget to set your videos for the 7th September because Channel 4 are broadcasting a program called TECHNO TRIP.

TRIBAL GATHERING
tribal gathering
latest info
feedback



Cool Public Screen

[1] IBrowse: CarlingNet - No 1 For Club News

Location: http://www.fa-carling.com/club/

CLUBS

- Arsenal F.C.
- Aston Villa F.C.
- Blackburn Rovers F.C.
- Chelsea F.C.
- Coventry City F.C.
- Derby County F.C.
- Everton F.C.
- Leeds United F.C.
- Leicester City F.C.
- Liverpool F.C.
- Manchester United F.C.
- Middlesbrough F.C.
- Newcastle United F.C.
- Nottingham Forest F.C.
- Sheffield Wednesday F.C.
- Southampton F.C.
- Sunderland F.C.
- Tottenham Hotspur F.C.
- West Ham United F.C.
- Wimbledon F.C.

Page loaded.

Site of the Month
Back
Forward
Home
Reload
Load Images
Omnipresence
Aminet
Hisoft
CARLING PREMIERSHIP
NEWCASTLE
MIDDLESBORO
SUNDERLAND
BLACKBURN
LEEDS
LIVERPOOL
EVERTON
MAN UTD
SHEFF. WED
DERBY
FOREST
A. VILLA
COVENTRY
LEICESTER
ARSENAL
SPURS
WEST HAM
CHELSEA
WIMBLEDON
SOUTHAMPTON
CARLING NET

Net-buster

This month's Site of the Month is the official Carling Premiership site. Unlike many others it's not cluttered with useless sub-pages, but gets straight down to the business of serving up facts and figures on all the teams and results from the Premier League. It's a nice, simple site, combining decent graphics and all the right info without trying to be a complete on-line football magazine – a slick site without the usual filler sections.

You'll find it at http://www.fa-carling.com

Show us yours!

Have you got a site you think we should include in a forthcoming Surf of the Month? Maybe it's your own or maybe you've just stumbled upon its greatness in your global net travels. If so, let us know by E-mailing us at general@cu-amiga.co.uk.

Alternatively, check out the CU Amiga Magazine web site at http://www.cu-amiga.co.uk and drop us a line there.

Net God speaks

There have been some disturbing events on the UK Internet of late. I refer to the great debate of Internet censorship. Some are claiming a victory over Demon Internet Services being forced to agree to block certain obscene newsgroups. Banning the material, however, is not the answer as it will not eradicate the problem and can be gotten around by wrongdoers. For example, an obviously titled newsgroup for illegal pornographic material was banned but then promptly renamed to alt.disney so it could pass by undetected. If this kind of thing happens more and more people will accidentally come into contact with the disturbing material. The real solution is to catch the individuals posting the obscene material and not to censor the forum in which it is carried out. Those people are breaking the law in their country of origin and should be caught and punished by their own authorities. The police should Email their international counterparts who have jurisdiction over the wrong doer and have them arrested.

Surf's up!

Censorship reaches the Net, PIOS hit out out at VIScorp, OctaMED author is flamed and rumours abound about Microsoft.

Microsoft on Amiga?

Rumours that have been circulating that Microsoft is looking to port its free Internet Explorer (IE) browser to the Amiga.

This would be welcome news as IE 3.0 has recently overtaken Netscape as the most popular browser in the world though to date it has only been available in Microsoft Windows and Macintosh versions. We asked Microsoft's head of the IE project whether the rumours were true. A Microsoft representative, Yusef Medhi, replied: "As of now, we have no plans to develop IE for the Amiga. We are always listening to our customers and if the demand comes in we will reconsider our plans for the Amiga platform".

Some have argued that Microsoft's products on the Amiga would be too large like their PC software, though if the Amiga did have a port of IE it would have an industry standard browser capable of tables, frames, animgifs and Java etc. If this sounds good to you, then please drop Yusef a line on yusufm@microsoft.com and state your case.

PIOS parting shot at VIScorp?

PIOS' web site has been updated with some rather interesting tidbits. First there is a statement about an inability to secure a 'working agreement' with VIScorp. Secondly there is an announcement about their forthcoming PowerPC machines.

Interestingly, these machines will be running MacOS and no announcement has been forthcoming on the availability of an AmigaOS port.

With the current statement concerning VIScorp it would be unlikely that PIOS would actually be free to port AmigaDOS to the PowerPC. This either leaves PIOS to implement a 'compatible' OS ala Phase 5 or to stick with MacOS.

Recent rumours suggest PIOS are looking at the Bebox's proprietary operating system. This is an odd move since as yet it has no significant software support. Perhaps here's where PIOS parts company with Amiga users? Drop in and decide for yourself at http://www.pios.de

FCI offer 5Mb of Web space

In response to a users' petition InternetFCI have increased allocated Web space from 512K to 5Mb per user! That's a 10 fold increase which makes InternetFCI and Demon the only two ISPs to offer such space on a dial up account.

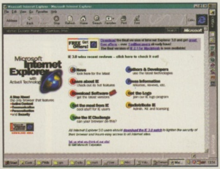
Amiga Net user Gerry Hawker petitioned InternetFCI to increase the Web space allocated to its clients. Naturally most of the users of FCI added their Email address to the list and InternetFCI's Eden Akhavi responded by upping the allocated web space.

Call InternetFCI on 01273 763000 for more information. Existing FCI users should make sure they are on the AmigaFCI mailing list. Send 'subscribe amigafci' to listserv@cu-amiga.co.uk.

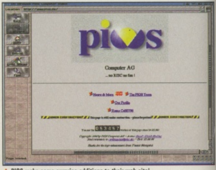
OctaMED SS takes a bashing

OctaMed's author was heavily criticised recently in comp.sys.amiga.audio for placing his product in the commercial domain. Several posters thought it should be given away free. The copy protection used on the CD version of OctaMED sound studio seemed to be the main bone of contention. Comparisons with FastTracker II on the PC were also made and questions raised as to why OctaMED SS doesn't support FT's file standard.

CU Amiga Magazine's Tony Horgan, RBF Software and the author Teijo Kinnunen have all contributed to make it fascinating reading. Drop in to comp.sys.amiga.audio or check out the OctaMED SS web page on http://www.octamed.co.uk ■


Microsoft Internet Explorer
IE 3.0 wins recent reviews – click here to check it out!
News
look here for the latest
Learn about IE
check out its hot features
Download Software
get the latest versions
Get the most from IE
cool stuff for IE users
Take the IE Challenge
can your browser do this?
Authors & Developers
use the latest technologies
Press Information
releases, reviews, etc.
Get the Logo
join our IE logo program
Redistribute IE
Admin. Kit and licensing
Microsoft

▲ Rumours are rife that Microsoft's IE may be coming to the Amiga.


pios
Computer AG
...no RISC no fun !
053457

▲ PIOS make some surprise additions to their web site!

Back Issues

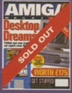
You saw it in the newsagent, but didn't have the cash: when you went back it was gone. That's why back issues is here

September 1995

AMIGA
BABE-WATCH!
THE ZIP

ON THE DISKS: OctaMED 5.04, Speris Legacy, Time Keepers. **FEATURE:** Sex and computers: an indepth look at what there is and what people think about it. **INSIDE:** Alien Breed 3D , Gloom, SSFII, Brutal, ViroCop A500, Base Jumpers CD32.

October 1995



ON THE DISKS: Pagestream 2.2, Fears and Citadel demo. **FEATURES:** Using your PageStream cover disk for DTP, Storage: HDs floppies and CD-ROMs. **INSIDE:** Odyssey, Real 3D v3, PageStream 3.0i and a multimedia station reviewed.

November 1995

AMIGA
In Yer Face!
SOLD OUT

ON THE DISKS: AudioMaster IV full program, Virtual Karting demo, CD-ROM edition-Aminet 7 and more. **FEATURES:** CD-ROM definitive guide to drives and disks. **INSIDE:** Cinema 4D, Mac™ Emulation, Final Writer 4, Pinball Mania.

December 1995

AMIGA
Worms!
FREE!

ON THE DISKS: Worms demo, Amiga E full program plus free Amiga E manual **FEATURES:** Programming, Amiga music. **INSIDE:** Leading Lap, Worms, Flight of the Amazon Queen, Coala, FinalCalc and Amiga M1438S Monitor.

January 1996

AMIGA
IMAGINE THIS
WORTH £99
SOLD OUT

ON THE DISKS: Imagine 3.0 full program, Zeewolf 2 & Algomusic **FEATURES:** 3D rendering using our cover disk. **INSIDE:** MiconiK Tower, World Construction Set, Amilink, Zeewolf 2, SWOS 95/96, Super Tennis Champions and much more.

February 1996

AMIGA
SERIAL KILLER
XTreme

ON THE DISKS: TextureStudio plus Imagine objects, DVerb, Mandel 92, Bluff Titler, Amiga E source code, Xtreme Racing. **FEATURES:** Serial linking, portable Amiga prototypes and the first Net Wedding. **INSIDE:** DiskMagic, HiSoft CD-ROM, Virtual i glasses.

March 1996

AMIGA
VROOOM!
Gloom

ON THE DISKS: VideoStage Pro, Imgauge & XFD, Gloom Deluxe and 10 Worms levels. **FEATURES:** VideoStage and The future of Games. **INSIDE:** 060 for A1200, Wordworth 5, Blitz Basic, Super Street Fighter II Turbo, Super Skidmarks data disk.

April 1996

AMIGA
OUTBREAK!
AmiFileSafe
LEADING LAP

ON THE DISKS: AmiFileSafe, Leading Lap SE – 5 level full game. CD-ROM edition available. **FEATURES:** Virus Protection and Wallace & Gromit in the right computer. **INSIDE:** SX 32, HiQ Station, The Chaos engine previewed, Zeewolf 2 tips, and more...

May 1996

AMIGA
The New
SOLD OUT

ON THE DISKS: Soundtracker Pro II, MIDI Sequencer demo, Alien Breed 3D2 demo. **FEATURES:** Free Amiga music book, the new Walker, Amiga Surfer pack, and the quest for Amigas. **INSIDE:** LightWave 4, Slamtilt Pinball, Tracksuit Manager 2 reviewed.

June 1996

AMIGA
United States of Amiga

ON THE DISKS: Termite demo, Killing Grounds demo. Plus free 96 page net and comms guide. **FEATURES:** Escom sells Amiga Technologies, publish your music. **INSIDE:** Modem round-up, Total Football and new TimeKeepers disk reviewed.

July 1996

AMIGA
Art Attack
EXCLUSIVE: XiPAINT

ON THE DISKS: XiPaint (full program) and Primal Rage demo. **FEATURES:** Special report on what's happening in Europe and the latest on Visorp and PIOS. **INSIDE:** Image FX 2.6, Surf Squirrel, A4000 Tower, Primal Rage, SWOS Euro and more reviewed.

August 1996

AMIGA
FULL PACKAGE!
TRIUMPH!
You can save Amiga!

ON THE DISKS: EasyCalc (full program) and Valhalla III demo. **FEATURES:** The future of the Amiga with VIScorp, the new PIOS machine and the second part of the Euroscene feature. **INSIDE:** Siamese Twin, Photogenics 2.0, Valhalla III and Tin Toy reviewed.

September 1996

AMIGA
SOLD OUT

ON THE DISKS: Vista Lite (full program) and a demo of Brian Lara Cricket '96. CD-ROM edition too. **FEATURES:** The Aminet exposed. All 6 gigabytes! **INSIDE:** Final Writer 5, OctaMED SoundStudio, Atapi CD-ROM drive. Plus an exclusive preview of the new AGA Worms.

October 1996

AMIGA
SPEED!
FULL PACKAGE!

ON THE DISKS: Upper Disk Tools: ideal for sorting out those awkward disks and drives! **FEATURES:** The Amiga in America, modern internet **INSIDE:** The speed issue, or something. Three top accelerators, a TCP/IP stack comparison and Capital Punishment.

Priority Order form

date & type (CD or disk)	Quantity	Price
	Total price	

hod of payment

sa ☐ Amex ☐ Access ☐ Diners Club card ☐ Cheque (£ Sterling)

o...Expiry date.....................................

ure...Date ....

make cheques payable to EMAP Images Ltd.

....................Initials.......................Surname ....

ss...

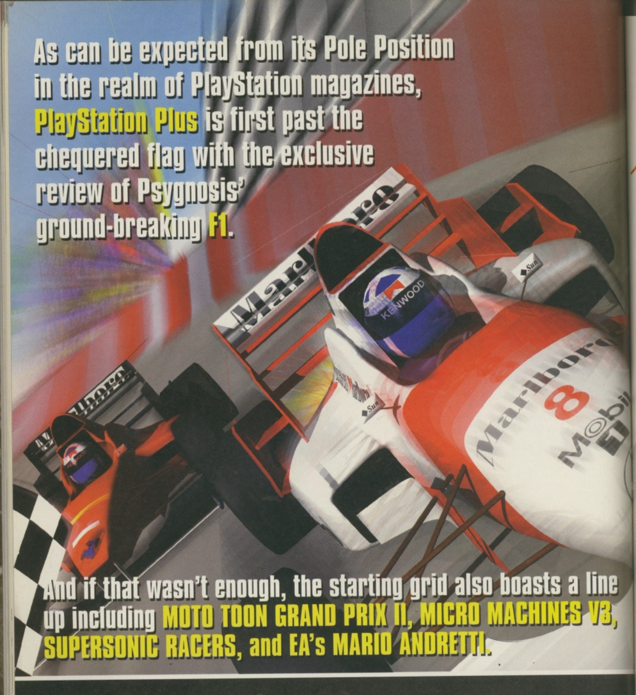
....

....Postcode.....................................

ne telephone number ....

ete this form and send it with your payment to: CU Amiga Magazine Back Issues,
Publishing, Tower House, Sovereign Park, Lathill St, Market Harborough, Leics
EF. Tel: 01858 435 350.

es: UK: £5.99 Europe and rest of world: £6.50. Except for November 1995
M edition: UK £6.99 Europe and rest of world: £7.50
ces include postage and packing. Disks are included with all orders.
allow 28 days for fulfilment upon receipt of request. All orders subject to availability.



As can be expected from its Pole Position in the realm of PlayStation magazines, **PlayStation Plus** is first past the chequered flag with the exclusive review of Psygnosis' ground-breaking **F1**.

And if that wasn't enough, the starting grid also boasts a line up including **MOTO TOON GRAND PRIX II, MICRO MACHINES V3, SUPERSONIC RACERS, and EA's MARIO ANDRETTI.**

PLAYSTATION PLUS

a *FERRARI* amongst *LADAS*..

EVERY MONTH! ONLY £2.75

Sound Lab

Common pitfalls

In a refreshing twist to events, we're concentrating on what not to do instead of what you should do if you want to create great music.

If you want to make interesting, fresh music a good adage to bear in mind is 'never say never'. You might have noticed over the years that this Soundlab series tends to concentrate on the do's rather than don'ts, because if you fill your head with a massive list of things you shouldn't be doing when you write some music, the chances are you'll end up with something about as challenging and exciting as daytime TV. However, breaking away from that solely positive angle for once, this month's Soundlab raises some of the things you might like to avoid in order to improve the quality of your tunes.

Thanks to you, the readers, we get to hear hundreds of modules that pop through our letter box for Tune of the Month type competitions, not to mention the thousands that weave their way to us through the PD channels. Quite often the same 'mistakes' will be heard from one mod to another and it's these kinks that this piece will attempt to iron out.

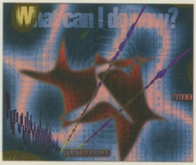
Bean spilling

One of the most common downfalls of mods is that they reveal their entire collection of samples within the first minute or so. This isn't necessarily a problem if there's enough variety and progression in the music itself to keep up the interest level through the rest of the tune, but often this is not the case. People's ears get used to sounds very quickly and with repetitive sounds, the brain has a habit of blocking them out of perception before long. For example, here at the CU Amiga Magazine offices the din of London traffic is constantly blasting in through the open windows, but it's only people at the other end of the phone that seem to notice it, while we seem to become 'blind' to the noise (or maybe we're just deaf).

If you're not careful, you might turn your listener's ears into involuntary shutdown. Keeping a few samples up your sleeve for later, along with some unexpected twists and turns in the arrangement will give you a better chance of keeping your audience attentive from start to finish. One trick is to give the impression you've spilled the beans early on, but then follow this up with repeated bean spilling whenever attention may be about to wane.

Structure

There are no rules about the structure of a piece of music and sometimes it works if you just go with the flow. However, often it's clear that there's been no thought given to the structure of a mod, generally because it peters out halfway through and then just repeats the first sections with a few half-baked ideas thrown in for good measure. It's an easy trap to fall into especially, if like me, your attention span seems to shorten drastically once you've spent an hour or so on a track. One way to improve your chances of coming up with a good balanced track is to think about the overall structure of the song before you start out. Will you follow a straight pop format of verse, chorus and middle eight, or the club-friendly build, drop out, riff, build and repeat ... maybe you've got your own format or sequence of sections in mind. Either way, this can help avert the feeling of having to 'fill' three and half minutes for a pop song, or 10 minutes for an ambient piece or whatever. You can use each transition period as a time to take a break from composing, have a cuppa and return with renewed enthusiasm and ideas, a bit like stopping off for a bite to eat at the motorway services during a long car journey (well sort of).



Bad tools

A bad workmen blames his tools apparently, but it's up to you to make sure your tools are up to the job, or your samples in this case. It's frustrating to hear a mod that's full of good ideas but is spoilt by low quality samples. If you have a particular sample that's a pivotal point of your track, but you've got it from some second rate pre-sampled collection there's only so much you'll be able to do to improve its quality. If you've done all you can and it still sounds grainy, muffled or distorted, why not try getting hold of the original source sound and sample it yourself. If it's a riff from an existing record, you'll need to find out where it's from sooner or later if you want the track to be released, so why not do a bit of detective work at your local record shop.

I was once working on a track based around a tiny piece of piano pinched from the old house record Strings of Life, but took the sample from a vinyl compilation with about ten tracks squeezed onto each side, so the sound quality was awful. The track was then released on a CD compilation, which I snapped up. Unfortunately the quality was just as bad on that (something to do with the original having been pressed on recycled vinyl I think) so I shelved that track. However, often these remastered CD compilations have come straight from the original master tapes, so the quality is spot on. Don't forget though, that you'll need copyright clearance if you want to release a track that samples an existing record.

I'm full up

With the arrival of multi-channel trackers like OctaMED SoundStudio it can be tempting to keep layering more tracks on top of one another to fill out the sound. While it's true that most studios have access to many more tracks on their big 'Bridge of the Enterprise' style mixers, it doesn't follow that you need loads of tracks to come up with a good production.

Over filling a piece with too many sounds at once becomes a problem when the instruments start fighting for your attention, often because they are using the same frequency ranges. It's loads of fun to have access to all these tracks, especially after being constrained to just four for so long, but take time out to make sure each sound and part of the song is there for a reason, doing a job that's not already taken care of by another part.

As a test, when your tracks start to fill up, try playing through a looped section and removing certain instruments. If you don't notice their departure then you can really do without them. If you're particularly fond of such a part, you can always copy it to a spare pattern and use it somewhere else in the song where the arrangement is not so busy. ■

Tony Horgan

CU Amiga Classifieds

FORE-MATT Home Computing

Dept. CU, PO Box 835, Wootton Bassett, Wilts SN4 8RX
01793 853802

PD / Shareware / CD-ROM

FREE CATALOGUE DISK

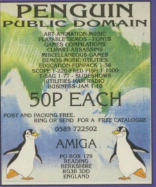
(FREE P&P and FREE updates)

PD / Shareware from only **50p** / disk

CD-ROM

Oh Yes...More Worms!	£8.99
Assassins Games 1	£7.99
Network CD	£5.99
Multimedia Toolkit	£5.99
Multimedia Toolkit 2 (2cd)	£19.95
Grolier Encyclopedia 2	£25.95

10% Discount on first order!
Many more titles in stock
Blank disks : DSDD 30p each DSHD 35p each
Please add 50p P&P per order



PENGUIN PUBLIC DOMAIN

ART-ANIMATION-MUSIC
PLAYABLE DEMOS - FONTS
GAMES COMPILATIONS
CLIPART-ASSASSINS
MISCELLANEOUS-GAMES
DEMOS-MUSIC UTILITIES
EDUCATION-FUNPACK 1-36
SCOPE 1-220-FRED FISH 1-1000
T-BAG 1-77 - SLIDESHOWS
UTILITIES-HAM RADIO
BUSINESS-JAM 1-10

50P EACH

POST AND PACKING FREE.
RING OR SEND FOR A FREE CATALOGUE
0589 722502

AMIGA

PO BOX 179
READING
BERKSHIRE
RG30 3DD
ENGLAND

CLASSIC AMIGA

P.D Software

Phone for a FREE catalogue disk

0161 723 1638

SHOP OPEN

12-9pm DAILY

FULL RANGE OF CD ROMS NOW IN STOCK

11, DEANSGATE
RADCLIFFE
Manchester

ONLINE PD

FREE 3 DISK CATALOGUE
LISTING 10,000+ PD TITLES
TEL: (01704) 834335 or 834583
OR SEND 39p SAE

BBS:
(01704)
834583

FRED FISH
1-1000

75P PER DISK

ASSASSINS
GAME
DISKS
1-261

Every 10 disks ordered choose 1 FREE

Online Pd, Dept CU11,
1 The Cloisters, Halsall Lane,
Formby, Liverpool L37 3PX

KEW = II

SOFTWARE

Est. 1989

THE BEST IN QUALITY PD & SHAREWARE
SUPPLIED ON BRANDED DISKS ONLY!

The LEADER -
OTHERS CAN ONLY FOLLOW!

FREE FRIENDLY HELP BY
POST or PHONE ANYTIME!
FREE CLUB MEMBERSHIP

PICK YOUR OWN PROGRAMS!
BY NAME, NUMBER AND SIZE!
IT'S EASY!
500K makes 1 bootable disk!
800k makes 1 non bootable disk!

CATALOGUE WITH FULL DESCRIPTIONS & INDEX ONLY £1
Phone for the LATEST PROGRAMS!
1-3 disks £1.50,
4 or more ONLY £1.25

P.O BOX 672
South Croydon
Surrey CR2 9YS
Tel: 0181 657 1617

FREE P&P

STARLIGHT SOFTWARE

NEW!
Reality Demo Disk
UFO Enemy Unclothed
Knights V2.42
Shapeshifter V32A
Breathless AGA
Champ Man Ed. (020+)
Master Blaster V.2.21
Edset (Settlers) (WB2+)
Madhouse V1.1
SWOSS Ed
Champ Man. Ed.

MISCELLANEOUS
Web Browsers
Term V4.2
Metatoool (E-mail)
Elf's Guide to the Internet
Internet Utils
Internet Utils II
Project UFO (6)
AmiTCP (2)
Hippo Player
Scion V4.09
F1 GP Ed V3.16
F1 GP Accessories

Send Cheques/PO's to:
Starlight Software (CU)
225 Fountain Street,
Leeds LS27 0AL
Tel: 0113 252 7654

90%+	
Oxygene Vision (2)	93%
VD/Fairlight Factory (2)	95%
Rabies (3)	93%
Virus Workshop	95%
Iconographics	96%
Midnight Blankers	90%
Tin Pin AGA Utils 24	96%
The Dogs Cogs (3)	94%
Knockout	91%

GAMES
Deluxe Galaga V.6 AGA
The Shepherd
Hyperspace Racing (2)
Midget Masacre
Teeny Weenys
Pro Football (2)
Tubes V1.6
Alien Fishfinger
Blob Combat AGA
Flying Tigers
Penguins
Poweroids V1.1 (020 REQ.)

PRICES
75p Per Disk
1 Free disk with evey 10 ordered
P&P 75p per order
CATA LOGUE
Free on first order or phone/SAE
(?) No. of disks
http://www.raduga.demon.co.uk

DELTRAX PD(CU)

36 BODELWYDDAN AVE,
OLD COLWYN, COLWYN BAY,
CONWY LL29 9NP
TEL/FAX 01492 515981

AMIGA & IBM PC

NEW SUMMER CATALOGUE AVAILABLE NOW!

PUBLIC DOMAIN/SHAREWARE

ONLY **95p** PER DISK

PLUS 60p P&P PER ORDER
STATE WHICH FREE PRINTED CATALOGUE YOU REQUIRE

Q. What's plastic, 3.5 inches and costs just 45p?
A. A public domain disk from

NO MERCY SOFTWARE

That's right, 45p per disk from 1-499

Updated cat disk available from AURORA BBS 01942 709263. We have a March 96 catalogue disk recently rewritten so if you got a catalogue pre January send it back for a Free update or send £1 or 4x1st class stamps and recieve a Free game or utility disk

45p

Cheques payable to:

NO MERCY SOFTWARE

3 HILL SIDE, GT. THIRKLEBY, THIRSK,
NORTH YORKSHIRE YO7 2AX
Phone 01845 501326/526412
0421 493916 (mobile)
Fax 01609 771596

STONECLOSE MICRO

Suppliers of surplus computer equipment

Internal drives

A500 - £15.00 *INC P&P*
A600 - £20.00 *INC P&P*
A1200 - £20.00 *INC P&P*

All drives are:-
fully tested before dispatch,
surplus stock with 30 day warranty,
Exchange units send old drive with order

Send Cheque/PO to :
87 Nether Hall Road, Town Centre,
Doncaster, DN1 2QA
Tel : 01302 811140 Fax : 811141

ALSO AVAILABLE RAM, HDD etc....

RENDOR VENDOR

Do you have KILLER 3D animations but no hardware to actually see them in their 24 bit true colour output ?
WE CAN HELP
Got a favourite picture or piece of artwork and want it scanned to disk ?
WE CAN HELP.
Want a showreel to show off your 3D animation /2D art talentS ?
WE CAN HELP.

For a FREE brochure and price guide please write to the address below including a Stamped, addressed Envelope (include computer type and 3D/2D software types e.g. AMIGA 1200 - LIGHTWAVE/IMAGINE).

LIGHTWAVE OUR SPECIALITY

RENDOR VENDOR, 593 Manchester Rd,
Stockbridge, SHEFFIELD, ENGLAND, S30 5DP

PD POWER

WE STOCK OVER 10,000 DISKS

50p *per disk*

NO MINIMUM ORDER

1 FREE WITH EVERY 10
For FREE CATALOGUE DISK +
FREE GAME + FREE COPIER
AND MORE
Please SAE to:
or Phone 0374 150972

PD POWER (DEPT CU)
15 LOVETOT AVENUE
ASTON SHEFFIELD S31 OBQ

CAPRI CD DISTRIBUTION

CDTV ALL AVAILABLE TITLES IN STOCK AMIGA CD³²

225+ CD TITLES / 150+ CD32 TITLES / 80+ CDTV TITLES

NEW RELEASES

MOVIE MAKER VOL. 1 £29.99
AGA EXPERIENCE 2 £19.99
EMULATORS UNLIMITED £19.99
AMIGA DEVELOPERS CD £19.99
AMIGA UTILITIES 2 £19.99
EPIC COLLECTION 2 £19.99
C64 SENSATIONS 2 £19.99
WORKBENCH ENHANCER £9.99
AMINET SET 3 £34.99
AMINET 13 £14.99
ZOOM RELEASE 2 £19.99
HOTTEST 6 £19.99
AMINET 13 £14.99
MORE WORMS VOL. 1 £14.99
SCI-FI SENSATIONS 2 £19.99
WORLD ATLAS £29.99
SOUNDS TERRIFIC 2 £19.99
3D IMAGES £9.99
NFA UTILITIES EXPERIENCE £14.99
EPIC ENCYCLOPEDIA £29.99

BACK IN STOCK "HUTCHINSON'S ENCYCLOPEDIA £9.99"
OFFER 1 :- "LOCK N LOAD £4.99"
OFFER 2 :- "CDPD 1 £14.99"
THIS IS JUST A SMALL SELECTION OF THE TITLES & SPECIAL OFFERS WE HAVE. PLEASE WRITE OR RING FOR THE LATEST LIST.
(PLEASE SPECIFY WHICH MACHINE &/OR CD DRIVE YOU HAVE)

CAPRI CD DISTRIBUTION
DEPT CU11, CAPRI HOUSE, 9 DEAN ST, MARLOW, BUCKS. SL7 3AA
(VISITORS WELCOME)
TEL/FAX 01628-891022
TRADE ENQUIRIES WELCOME

Convert your Amstrad

COLOUR MONITOR £10

ur custom made leads will convert your old strad Monitor to work with your Amiga giv- g a crisp R.G.B. colour picture & optional quality amplified stereo sound.

	DIY	MADE
6128 (CTM644/0) Picture Only	£6	£10
6128 (CTM644/0) Inc Stereo Speakers	£31	£40
6128 PLUS (CM14) Inc Sound	£9	£15
6128 Green (GT-65) Picture Only	£6	£10

Dept CU, Hagars Electronics,
127 High Street, Sheerness, Kent ME12 IUD

Tel/Fax 01795 663336

Money back approval P&P inc.

CQ/PO DELIVERY 2 DAYS

VISA

SHAC

SECOND HAND AMIGA CENTRE
TEL
01983 290003

A1200's FROM £199
MONITORS FROM £99
BLANK USED DISKS £17 / 100
FREE UK MAINLAND DELIVERY

ALSO, HARD DRIVES, RAM EXPANSIONS, DISK DRIVES ETC. NEW & SECOND HAND. ALL AT REASONABLE PRICES SEND SAE FOR LATEST LIST TO:

SHAC, 69 KINGS ROAD,
EAST COWES,
ISLE OF WIGHT, PO32 6SE
Mail Order Only

Mr.Memory

SIMMs at unbeatable prices !

catch a deal

eg	72 Pin	8 Mb	39.00
	72 Pin	16 Mb	84.00

Full range of SIMMs & DIMMs also available

100% pre-tested.... 5 year guaranteed... technical support

TEL 01483 727 333 • FAX 01483 747 722

H-E-C

COMPUTER REPAIRS SALES, SUPPLIES & SERVICE

* RAPID TURNAROUND
* 90 DAY WARRANTY
* Price includes PARTS, LABOUR & VAT
* Return delivery for computers (U.K.) add £5.00
power supplies / modulators add £3.50
Overseas please ring
Prices do not include hard discs / upgrades
* TO SAVE YOUR TIME & POSTAL COSTS
Please ring before sending your equipment

Hindley Electronics ComputerCare Ext. 1986

REPAIRS

A500/500+	£34.99
A600	£34.99
A1200	£43.99
POWER SUPPLIES	£19.99
MODULATORS	£19.99

PRINTERS & MONITORS PLEASE RING FOR DETAILS

INK CARTRIDGES

Canon BCD1	£16.45
Canon BCD2	£17.63
Canon BJC4000 Colour	£12.93
Canon BJC300/330	£13.50
HP 51625A Tri Colour	£24.50
HP 51626A Hi Capacity	£20.56
HP 51629A Tri Colour (HP600)	£22.50
HP 51649A Black (HP600)	£24.99
Epson Stylus 800/1000-Black	£8.81
Epson Stylus Colour - Black	£10.56
Epson Stylus Colour - Colour	£19.96
Epson Stylus Colour II/IIS - Black	£17.50
Epson Stylus Colour II/IIS - Colour	£24.95
Olivetti JP150 / Citizen Projet	
Twin Cartridge - Black	£10.56
Full Cartridge c/w Head - Black	£19.86
Colour Cartridge	£32.31
Inkjet refill kits from (40ml twin pack)	£7.99

Many other carts inc. laser carts available.
see our list or ring for details.

CARTRIDGES

BRANDED GUARANTEED QUALITY
PER BOX OF 10 - DSDD £3.50
DSHD £3.99

MICE

HIGH QUALITY MICROSWITCHED
COMPATIBLE AMIGA MOUSE FROM £7.99

DUST COVERS

A500, A600, A1200 one price £3.49

LEADS

COMPUTER TO TV	£1.99
AMIGA TO SCART	£9.50
MODEM 25P D TO 25P D	£7.99

SIMMS

8MB 72 PIN £46.99 16MB 72 PIN 70n £95.00

MISC

CD Single Jewel cases 59p ea. or 5 off	£2.50
6mm MOUSE PAD	£1.49

RED, BLUE, GREY, YELLOW OR BLACK

THE ABOVE ARE JUST A FEW EXAMPLES OF OUR RANGE OF PRODUCTS
*** RING FOR A COPY OF OUR MAIL ORDER LIST ***

REPAIRING COMPUTER HARDWARE FOR TEN YEARS

47/49 RAILWAY ROAD, LEIGH, LANCS. WN7 4AA
☎ (01942) 261866 / 672424 FAX (01942) 261094
EMAIL 100577.1461@COMPUSERVE.COM

All major credit cards / Switch accepted. Add £1.50 P&P on small quantity purchases / bulk purchases - ring for details. All prices include V.A.T. We reserve the right to refuse any repair. Prices subject to change without notice. Terms & conditions available upon request

---

FREE FREE
GAMES CHEATS 1.4 EMULATOR
ON ALL ORDERS

P UNDERGROUND D

FREE FREE
LIBRARY DISK POST & PACK
ON ALL ORDERS

PLATFORM GAMES
- ☐ 1330 CAPTAIN BONUS
- ☐ 1233 ROACH MOTEL
- ☐ 1445 10 C.W. GAMES
- ☐ 1418 GUNNY GOO!
- ☐ 1553 LANCE-O-LOT
- ☐ 1521 HAPPY MONSTER
- ☐ 1462 CHARLIE COOL
- ☐ 1684 BIRDIES
- ☐ 1672 A1200 CHIPPY

SPACE BLASTERS
- ☐ 911 SOLO ASSAULT
- ☐ 906 OBLITERATOR
- ☐ 498 THE LAST REFUGE
- ☐ 1434 SPACE BLASTER
- ☐ 1469 ALIEN SHOOTOUT
- ☐ 1551 A12 REBELLION

ARCADE GAMES
- ☐ 555 HUGO V2.5 DISK
- ☐ 1368 ALIENS F.F.
- ☐ 1338 STRIKE COMMAND
- ☐ 1451 NIBBLET NIBLER
- ☐ 1500 U.P.D 24 GAMES
- ☐ 1468 SNAIL RACERS
- ☐ 1502 SNEECH V1.5
- ☐ 1603 A1200 BEASTIES

P.D. VERSIONS
- ☐ 025 HUNTER PLUS
- ☐ 022 GODS-T/MACHINE
- ☐ 026 ROBOCOP-T/RECALL
- ☐ 815 LEMMINGS PACK
- ☐ 023 RICK DANGEROUS
- ☐ 1457 TI-FIGHTERS
- ☐ 1448 META-MORPH!
- ☐ 1443 DAN DARE!

COMBAT GAMES
- ☐ 941 FATAL BLOWS
- ☐ 938 MARTIAL SPIRIT
- ☐ 290 FIGHT WARRIORS
- ☐ 1238 WEAPON MASTERS
- ☐ 1428 CYBERGAMES 3DSK
- ☐ 1548 FIGHT A1200

CLASSIC GAMES
- ☐ 011 ASTEROIDS
- ☐ 693 MISSILE COMMAND
- ☐ 778 OVERLANDER
- ☐ 692 SPACE INVADERS
- ☐ 841 COOKIE
- ☐ 308 DONKEY KONG

DRIVING GAMES
- ☐ 951 FLAMMING ENGINES
- ☐ 469 THE ROAD TO HELL
- ☐ 1417 MANG FENDERS V2
- ☐ 1466 A12 KNOCK OUT
- ☐ 1642 A1200 EX RACING
- ☐ 974 F1 EDITOR 1996
- ☐ 1686 HILL CLIMB

SIMULATORS
- ☐ 1329 BASEBALL GAMES
- ☐ 926 HELICOPTER
- ☐ 332 SEALANCE-SUB
- ☐ 333 BATTLE CARS V2
- ☐ 1273 A12 TRAIN DRIVER

SPORT GAMES
- ☐ 1014 CRAZY GOLF
- ☐ 366 GOLF 18TH 2 DISK
- ☐ 822 CRICKET AMOS V2
- ☐ 630 TEN PIN BOWLING
- ☐ 104 FUTURE FOOTBALL
- ☐ 1171 2 DSK CRS-ANGLER
- ☐ 1373 ICE HOCKEY
- ☐ 1317 A12 GON FISHING
- ☐ 1465 A12 2DSK TENNIS
- ☐ 1251 TENNIS TOUR
- ☐ 1630 INTER CRICKET
- ☐ 1669 TABLE TENNIS

HINTS & CHEATS
- ☐ 418 1000 CHEATS
- ☐ 931 BACKDOOR V3
- ☐ 821 PASSWORD MANIA
- ☐ 813 GAME TAMER V4.5
- ☐ 820 MEGA CHEATS
- ☐ 681 SIERRA SOLUTIONS
- ☐ 1118 UP TO DATE V1
- ☐ 1358 GAME SOLUTIONS
- ☐ 1462 G-SOLUTIONS V2
- ☐ 1653 SOLUTIONS V3
- ☐ 1651 SOLVES 6 DISK

OVER 18 GAMES
- ☐ 1328 ADULT JIGSAWS
- ☐ 1307 TERRORLINER V3
- ☐ 997 2 DSK ADVENT V1
- ☐ 1001 2 DSK ADVENT V2
- ☐ 101 TERROR LINER V1
- ☐ 1081 ADULT TETRIS
- ☐ 1176 A12 NUMBERS V2
- ☐ 1248 STRIP POKER
- ☐ 1145 A12 NUMBERS V1
- ☐ 1335 ADULT DROIDS
- ☐ 1533 DRAGONS BALL
- ☐ 1517 ADULT BOMBER
- ☐ 1514 STRIP SLOTTER
- ☐ 1643 TERROR LINER V4
- ☐ 1654 BRAIN LEGO

TETRIS - COLUMNS
- ☐ 294 KLACK-TRIS COLMS
- ☐ 107 TWIN-TRIS TETRIS
- ☐ 293 DR. MARIO COLMS
- ☐ 626 MEGA-BLOX TETRIS
- ☐ 1602 SUPER FOUL EGG
- ☐ 1627 PILL - MANIA
- ☐ 1607 DEFEK - TRIS
- ☐ 1673 A12 WORD CHAMP

PAC-MAN GAMES
- ☐ 230 SUPER PAC MAN
- ☐ 252 YUM YUM PAC MAN
- ☐ 1096 PUC MAN
- ☐ 1138 A12 CYBER MAN
- ☐ 1346 WABES PAC MAN
- ☐ 1648 A12 BOBS LEMON
- ☐ 230 SUPER PAC-MAN

BREAK-OUT & PONG
- ☐ 003 MEGABALL V1
- ☐ 459 MEGABALL V2
- ☐ 007 BATTLE PONG
- ☐ 421 REBOUNDER PONG
- ☐ 1459 CYBERSPHERE
- ☐ 559 MEGABALL V3

BOULDERDASH GAMES
- ☐ 1423 MINE TRASHER
- ☐ 1527 ICE MINE PRO
- ☐ 1595 NEW MINES
- ☐ 1569 BUG MINES
- ☐ 1572 UNDER MINES
- ☐ 1573 GOLD MINES
- ☐ 1577 EMERALD HEAD
- ☐ 1580 EXPERT MINES
- ☐ 1582 DENMARK MINES
- ☐ 1583 STYX MINES

PUB-CLUB GAMES
- ☐ 1304 CHECKERS V2
- ☐ 598 PIN BALL NOT 1.3
- ☐ 222 FRUIT MACHINE
- ☐ 375 CARDS SOLITAIRE
- ☐ 1246 AMIGA CRIBBAGE
- ☐ 1362 PUB DARTS TOUR
- ☐ 560 WORLD DARTS
- ☐ 1450 SAT SNOOKER
- ☐ 1112 A1200 X CARDS

BOARD GAMES
- ☐ 910 NEW MONOPOLY STAT
- ☐ 631 SCRABBLE
- ☐ 476 CHESS GAMES
- ☐ 1433 LIFT & LADDER

ADVENTURE GAMES
- ☐ 116 STAR TREK 2 DISK
- ☐ 297 NEIGHBOURS 2 DISK
- ☐ 1359 A12 ALIEN SPACE
- ☐ 1503 4DSK A.N.G.S.T.
- ☐ 1621 INTRO - GASH
- ☐ 1671 BREED 1996

STRATEGY GAMES
- ☐ 876 GLOBAL NUKE WAR
- ☐ 826 IND-ESPIONAGE
- ☐ 1182 A12 NIGHTMARE
- ☐ 1170 A12 LORDS 2 DSK
- ☐ 1347 BATTLE AT SEA
- ☐ 1431 UFO UNCLOTHED
- ☐ 1547 SOLO STAR TREK
- ☐ 1623 FLEET - 2MEG

PUZZLER GAMES
- ☐ 953 CHANEQUE 2 DISK
- ☐ 914 JINX A1200 2 DISK
- ☐ 1135 SPRING TIME
- ☐ 859 10 PUZZLERS
- ☐ 1550 PUZZLER PITS
- ☐ 1546 EXPERT BALLS
- ☐ 1633 THE WOOGLIES
- ☐ 1678 TILE MANIA

MANAGER GAMES
- ☐ 876 SCOTTISH LEAGUE
- ☐ 404 METROS MANAGER
- ☐ 321 AIRPORT
- ☐ 322-MICRO MARKET
- ☐ 443 SLAM BALL
- ☐ 817 BLOOD BALL
- ☐ 1429 ULTI MANAGER

QUIZ GAMES
- ☐ 1033 TAZ QUIZ NOT 1.3
- ☐ 1031 TREK TRIV 5 DISK
- ☐ 716 POP MUSIC QUIZ
- ☐ 309 THE QUIZ MASTER
- ☐ 462 WHEEL OF FORTUNE
- ☐ 1597 QUIZ 555
- ☐ 1670 A12 DEATH ROW
- ☐ 1683 HOLLYWOOD QUIZ

LOGIC GAMES
- ☐ 1037 MARBLES GAME
- ☐ 1035 ATOMIC GAME
- ☐ 119 DRAGON'S TITLES
- ☐ 112 DRAGON'S CAVE
- ☐ 1369 BOOM'IN ECK!
- ☐ 1463 FULL SCNEBITZ
- ☐ 1477 BOMB MANIACS
- ☐ 1476 MARBEL-LOUS

AMIGA LEISURE
- ☐ 205 AMIGA PUNTER
- ☐ 228 PERM CHECKER
- ☐ 1210 LOTTO LUNATIC
- ☐ 1438 A-GENE V5
- ☐ 1557 THE ORACLE 2DSK
- ☐ 1594 LOTTERY SYSTEM
- ☐ 1682 THE PHYSICIAN

A1200 MEGA DEMOS
- ☐ 1270 DOOM RAVE
- ☐ 1220 AMIGA JAMMIN
- ☐ 1165 VENTILATOR
- ☐ 1414 2 DISK DOVE
- ☐ 1415 MYSTIC ILEX
- ☐ 1544 OXYGENE V3 2DSK
- ☐ 1605 TAZ INTROS V3
- ☐ 1685 JADE 2 DISK

AMIGA MEGADEMOS
- ☐ 460 TEKNO RAVE
- ☐ 1015 2DSK TAZ QUEEN
- ☐ 1120 2DSK TAZ QUEEN 2
- ☐ 1104 2DSK OXYGENE
- ☐ 1084 ASCII NOT 1.3

A1200 SLIDE SHOWS
- ☐ 740 4 DISK MANGA
- ☐ 760 2 DISK KING TUT
- ☐ 1271 PIXEL STORMS
- ☐ 1193 LEMMINGTONS
- ☐ 1436 2 DISK PAMELA
- ☐ 1040 3 DISK GLAMOUR
- ☐ 1646 MISS MANGA
- ☐ 1650 STARFLEET 3DSK

AMIGA SLIDE SHOWS
- ☐ 704 REVELATIONS
- ☐ 061 PAT NAGEL'S GIRLS
- ☐ 936 AVIATION HISTORY
- ☐ 1111 5DSK BOLDLY GO
- ☐ 1060 5DSK LION KING
- ☐ 1498 NIGEL MANSELLS

ARTWORK PACKAGE
- ☐ 465 KIDS PAINT
- ☐ 664 FUSION PAINT
- ☐ 063 ULTRAPAINT
- ☐ 349 SPECTRACOLOUR
- ☐ 748 ILLUSION PAINT
- ☐ 1460 A-Z PAINT PAD
- ☐ 1565 CARTOON STUDIO

ARTWORK PROGRAMS
- ☐ 1299 A12 MAGNI-CAD
- ☐ 1026 JPEG GIF VIEWTEK
- ☐ 071 GRAPHICS CON KIT
- ☐ 070 GRAPHIC UTILS
- ☐ 133 FRAC LAND BUILD
- ☐ 1026 PICTURE LAB

ANIMATIONS
- ☐ 084 PUGGS IN SPACE
- ☐ 233 COOL COUGAR
- ☐ 651 FAIRLIGHT 242
- ☐ 831 RED DWARF
- ☐ 475 BAIT MASKING
- ☐ 463 MR POTATO HEAD
- ☐ 474 MISS MAMISELLE A12
- ☐ 865 TAROT MASTER 2 DISK
- ☐ 271 NEWTEK V2.2 DISK
- ☐ 347 NEWTEK V3 2 DISK
- ☐ 187 ANIMATION STUDIO
- ☐ 1449 BATMAN V JOKER
- ☐ 1447 2 DSK JAPMANGA

AMIGA VIDEO
- ☐ 329 VIDEO INSCRIPT
- ☐ 790 VIDEOTRACKER 5 DISK
- ☐ 148 S-MOOVIE

MUSIC MAKERS
- ☐ 220 FUNK KEYBOARDS
- ☐ 431 RAVE KEYBOARDS
- ☐ 661 MED WORKSHOP 4 DISK
- ☐ 202 MED V3.2
- ☐ 729 DRUM MACHINE
- ☐ 787 SONIC DRUM KIT
- ☐ 866 OCTAMED TUTOR
- ☐ 738 OCTAMED V2
- ☐ 136 THE ART OF MED
- ☐ 192 THE COMPOSER
- ☐ 618 MUSIC DATABASE
- ☐ 981 AUDIO ENGINEER
- ☐ 1268 HIPPO PLAYER
- ☐ 1435 PROTRACKER 2.3

CLASSIC-POP
- ☐ 1029 COTTONEYE SONG
- ☐ 201 PIANO CLASSICS
- ☐ 234 VIVALDI 2 DISK
- ☐ 342 AMIGA-DEUS
- ☐ 213 DIGI CONCERT V2
- ☐ 620 BAGPIPE MUSIC
- ☐ 248 EXPRESSION V2
- ☐ 1357 2 MEG DACO VI

SAMPLES - MODS
- ☐ 660 KORG 01W 8 DISK
- ☐ 218 HOUSE 2 DISK
- ☐ 647 SOUND FX 3 DISK
- ☐ 619 DRUMS 2 DISK
- ☐ 1666 SAMPLES 6 DISK
- ☐ 1588 DANCE 5 DISK

AMIGA EMULATION
- ☐ 423 2 DISK SPECTRUM
- ☐ 889 PC EM 2 DISK
- ☐ 327 ACTION REPLAY
- ☐ 955 DOWN TO A500
- ☐ 313 UP TO A500 PLUS
- ☐ 414 UP TO A1200
- ☐ 719 C64 GAMES 4DSK

DISK COPIERS
- ☐ 380 NIBBLER (NIB)
- ☐ 727 MULTI TASK (MT)
- ☐ 158 X.COPY PRO
- ☐ 357 COPY AND CRACK
- ☐ 325 LOCK PICKER V2
- ☐ 1667 COPY & CRACK V2

HARD DRIVES
- ☐ 191 H/D CLICK MENU
- ☐ 779 W/B 3 INSTALL
- ☐ 780 W/B 2 INSTALL
- ☐ 621 H/D STACKER
- ☐ 665 MR BACK UP PRO
- ☐ 490 8 DISK MAGIC W/B
- ☐ 957 GAME INSTALL V2
- ☐ 1141 GAME INSTALL V3
- ☐ 1199 GAME INSTALL V4
- ☐ 1674 ATAPI CDROM

PRINTING
- ☐ 243 AWARD MAKER 4 DISK
- ☐ 065 AMIGA FONT 7 DISK
- ☐ 100 PRINTER DRIVERS
- ☐ 048 PRINTING STUDIO
- ☐ 345 BANNER MAKER
- ☐ 057 TEXT ENGINE V4
- ☐ 394 INVOICE PRINT
- ☐ 749 FORM PRINTER
- ☐ 1658 LABEL/CARD MAKE

AMIGA BUSINESS
- ☐ 832 DATABASES 2 DISK
- ☐ 092 ACCOUNT MASTER
- ☐ 240 ADDRESS BOOK
- ☐ 691 DAILY DIARY
- ☐ 470 LITTLE OFFICE
- ☐ 244 SPREADSHEET
- ☐ 535 UK S.T.D CODES
- ☐ 1464 DIARY 2000
- ☐ 1368 AMIBASE V4

COLOUR CLIPART
- ☐ 637 6 DISK COL/BRUSH
- ☐ 633 7 DISK CLIP ART
- ☐ 901 9 DISK WORLD MAP

MONO CLIP ART
- ☐ 172 15 DISK PORTFOLIO
- ☐ 558 7 DISK CLIP ART

AMIGA MODEM
- ☐ 702 COMMS TUTORIAL
- ☐ 413 N.COMMS V3
- ☐ 079 OPTICOMMS V2
- ☐ 1032 MAX BBS PROG
- ☐ 1562 EASY D.M.S.

PROGRAMMERS
- ☐ 1303 DOS - MANUAL
- ☐ 288 A-BASIC TUTOR
- ☐ 306 UNDERSTAND AMOS
- ☐ 722 TONS OF AMOS
- ☐ 1067 AGA DATATYPES

DO IT YOURSELF
- ☐ 1097 2DSK HELM
- ☐ 239 SLIDESHOW MAKER
- ☐ 808 MAKE A DISK
- ☐ 242 MENU MAKER
- ☐ 1154 HEDLEYGUIDE A12
- ☐ 1181 M.U.I. NOT 1.3
- ☐ 1560 INTRO'S NOT 1.3

VIRUS CONTROL
- ☐ 506 A1200 VIRUS
- ☐ 160 M.V.K PLUS
- ☐ 1440 Z CHECKER V6.4

AMIGA UTILITIES
- ☐ 1030 A12 DIONIC TOOLS
- ☐ 612 4 DISK TOOL KIT
- ☐ 1629 UN-ARCHIVER

DISK & SYSTEM
- ☐ 166 SYSTEM TESTER
- ☐ 467 FILE UNDELETE
- ☐ 194 DISK OPTIMISE
- ☐ 356 ENGINEERS KIT
- ☐ 245 FIX DISK
- ☐ 168 HARDWARE MANUAL

AMIGA EDUCATION
- ☐ 766 GEOGRAPHY
- ☐ 532 MATHS 5 DISKS
- ☐ 644 ENGLISH 4 DISK
- ☐ 486 LANGUAGES 4 DISK
- ☐ 270 PLANETS 6 DISK
- ☐ 304 ENGINES 5 DISK
- ☐ 059 AMIGA TUTORIAL
- ☐ 1269 DPAINT 4 TUTOR
- ☐ 937 A1200 / 600 TUTOR
- ☐ 1361 2 DISK INTERNET
- ☐ 1360 AMIGA GUIDE

DISK COST £1.25 EACH, NO MINIMUM ORDER, ALL VIRUS FREE AND USER FRIENDLY.
All games are on 1 disk and run on all Amiga's unless otherwise stated
PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

UNDERGROUND PD, 54 CARMANIA CLOSE, SHOEBURYNESS, ESSEX SS3 9YZ. TEL: 01702 295887

Name: .... Amiga Model: ....
Address: ....
.... Postcode: ....

DPT CU1, F1 Licenceware, 31 Wellington Rd, Exeter, Devon EX2 9DU
Tel: 01392-493580. E-mail: steve@f1lw.demon.co.uk
Internet: http://www.f1lw.demon.co.uk

The F1 CD-Rom Vol 1
Contains our first 100 titles
ONLY £14.99 + £1 P+P

The Amos Pro Compiler
on license from Europress
ONLY £14.99 + 75p P+P

WANT AMINET FILES?
Choose 12 disks of archives for just £10
See our FREE Aminet cat for details

VISIT THE F1 WWW SITE AND DOWNLOAD SOME FREE FULL TITLES, LIMITED PERIOD
http://www.f1lw.demon.co.uk

LATEST TITLES FROM F1 LICENCEWARE

F1-148 Above Top Secret (quiz game)	£4.99	F1-149 Distant Drums (war strat)	£3.99
F1-146 Classic Pucman (good clone)	£3.99	F1-147 Ult Quiz data disk 3	£4.99
F1-144 Edword 4.1 (registered Text Ed)	£3.99	F1-145 Keith's Quest (adventure)	£6.99
F1-142 The Experiment (graphic adv)	£5.99	F1-143 Boris xtra levels (600 levels)	£3.99
F1-140 Q: Whiz (quiz creator & player)	£4.99	F1-141 Outfall (VCool game)	£3.99
F1-138 J-Windows (Amos Intuition ext)	£4.99	F1-139 Arcade Darts	£3.99
F1-137 Beginners guide to WB 3 Vol 5	£3.99	F1-136 Guide To Blitz (reference)	£4.99
F1-135 Pitch 'N' Putt (golf game, 5 disks)	£7.99	F1-134 AmosZinc #11 (2 disk issue)	£4.99
F1-133 Boris Ball (Megaball beater, great)	£3.99	F1-132 Guitar Fret Master	£3.99

OFFICIAL EDWORD PRO DISTRIBUTOR
We are proud to announce that F1 are now official and sole distributor for the Amiga's premier Text Editor, Edword Pro. Currently on V5.6 (which includes features such as text formatting and justification) Edword costs just £15.00 + 75p P+P.

AMIGA HELP-LINE
Not many people know that F1 has been helping many Amiga beginners with their problems on a voluntary donation bases, see our cat.

F1 Gold Titles
(All come with A5 printed manual)
GRAC V2.0 £6.99 D.M.C Gold V3.0 £6.99
Magic Paint Box £6.99 Grafix £6.99

REGISTERED SHAREWARE
DOOPSI GAME SYSTEM, £18
TRITUS, £12 R3, £12
TRAINDRIVER II, £15

For our free Licenceware/Shareware and Aminet cat disks send us 2x1st class stamps for quick reply

ALL MAJOR CREDIT CARDS ACCEPTED
ORDER BY POST/PHONE/E-MAIL OR FROM OUR INTERNET SITE
Please make all cheques payable to 'F1 Licenceware'

HIGH DENSITY

3.5" DISKS

LOW DENSITY

	Premium DS/HD	Recycled DS/HD	Premium DS/DD	Recycled DS/DD
50	15.86	13.51	12.49	9.99
100	29.38	24.68	22.49	18.99
250	64.63	52.88	54.99	45.99
500	117.50	88.13	107.49	87.99

All disks carry our replacement or money back guarantee. Labels are included when ordering quantities of 50, 100 and 250 disks, but are extra on quantities of 500. 500 Labels 3.53

DISK STORAGE

100 Capacity Box	2.99
200 Capacity Drawer	7.99

Only when purchased with disks

ACCESSORIES

A500, A600, A1200 Dust Cover	3.50
Monitor Dust Cover	3.99
Quickshot Python Joystick	8.95
Quickshot Amiga Mouse	9.95

Post Free

All products are subject to availability. All prices include VAT.
Please add 3.95 for delivery or 5.00 for overnight. E&OE

TRADERS! PHONE FOR OUR TRADE PRICE LIST.

SNAP
COMPUTER
SUPPLIES LTD

Unit 12,
The Sidings,
Hound Rd,
Netley Abbey,
Southampton
SO31 5QA

Tel: 01703 457111

VISA

CAT DISK £1
OR FREE WITH
EVERY ORDER

FREESTYLE PD
TEL: 01922 710985
TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES
1-20 £1 EACH
21+ 75p EACH
P&P 50p PER ORDER

MAGIC C64 EMULATOR
For Amiga 1200/4000
Complete with over 200 C64 games
only £6.00

C64 game disks available separately See
Cat disk for more info

UFO INFO
Finding the truth (3)
Project UFO (6)
Out of space 1,2,3. (3)
Roswell Slides (2)
Paranormal Invest (2)
Aliens Multimedia AGA (9)

DACO MUSIC MIXES for Amiga 1200/400
1: Big Chart Mix
2: Reach up(Pig Bag)
3: Push The feeling on
4: Always
5. The Media megamix
6: Big chart mix 2
7: Nightcrawlers
8: Mr ben 1995 mix
9: Outhere bros megamix
10: The clock megamix
11: Big Chart Mix
12: 2 unltd megamix
13:JX megamix
14: Guaglione Jungle mix
15: Monkees jungle mix
16: Big Chart mix 4
17: Liquad megamix
18: React megamix
19: Prodeux
20:Prodigy experience

AGA GLAMOUR
PLEASE STATE OVER 18
☐ Claudia Schiffer
☐ Claudia S The Works (3
☐ Claudia SChif NFA (3)
☐ Fit Chix 3 (2)
☐ Erika Eleniak
☐ Big Top
☐ Big Girls
☐ Crawford Coll. 1 (2)
☐ Pam Anderson NFA
☐ Elle Macpherson (3)
☐ Asian Babes (2)
☐ Nikki Taylor (2)
☐ Girls Girls Girls
☐ Playmates (5)
☐ Starkers1 : Anna
☐ Starkers2 : Laytoyah
☐ " " 3 :Fam. Babes 1
☐ " " 4 :Fam. Babes 2
☐ " " 5 :Fam. Babes 3
☐ " " 6 :Fam. Babes 4
☐ " " 7 :P.Anderson
☐ " " 8 :P.A.'son (3)
☐ " " 9 :Fam. Babes 5
☐ " " 10 :Fam. Babes 6
☐ " " 11 :Fam. Babes 7
☐ " " 12 :Fam. Babes 8
☐ Calendar Girls (2)
☐ Calendar Girls 2 (2)
☐ Danni Minogue (3)
☐ Kylie Minogue (3)
☐ Kylie Minogue (3)
☐ Madonna Sex (3)
☐ Beach Babes (5)
☐ Lingerie Babes (5)
☐ Christ Aplegate (3)
☐ Sherilyn Fenn (2)
☐ Lunatic Nudes
☐ Anna Nicole SM. (3)
☐ Blond B'shells (3)
☐ Blond B'shells 2 (3)
☐ Oriental Ladies (3)
☐ Oriental Ladies 2(3)
☐ Chessi Moore
☐ Pandora Peaks
☐ Tracy West
☐ Crystal Storm
☐ Lulu Devine
☐ Busty Dusty
☐ Lisa Lipps
☐ Tawny Peaks
☐ Tiffany Powers
☐ Tanya
☐ Saskia
☐ Savanah Staxx
☐ Tammy Tatas
☐ Colt 45
☐ Tonisha Mills
☐ Lisa Kelly
☐ Susie Boobies
☐ Wendy Whoppers
☐ LA Bust
☐ Rule Britania
☐ Eastern Promise
☐ Bluey (3)
☐ Hapiness (5)
☐ Sauna Beauty
☐ Red Eye
☐ Sensual Kittens
☐ Come On Spurs

AGA GAMES
☐ Motorola Invaders (2)
☐ Giger Tetris
☐ Megaball V3
☐ Kiss The Canvas
☐ Cybertech Corp (2)
☐ Mad Fighters
☐ To The Death
☐ Hoi
☐ Bazza n Runt
☐ Bom Pac
☐ Rocketz
☐ Tetris Duel
☐ Hyper Race (2)
☐ Step 5
☐ Deluxe Pacman
☐ Breakin Bricks (HD)
☐ Kellogs Land
☐ Wheelbarrow Sim
☐ Skidmarks Cars (2)
☐ Excell Card Game 3
☐ Blitris
☐ Apple Jack
☐ Poweroids

KLONDIKE AGA
☐ Klondike (3)
☐ Klondike 3 (4)m (4MB/HD)
☐ Card Games Deluxe (3)
☐ Star Trek
☐ Star Trek TNG
☐ Madonna Sex 18+
☐ Playboy 18+
☐ Playboy 2 18+
☐ Erika Eleniak
☐ Dream Girls 2 18+
☐ Erotica 18+
☐ Pleasure 18+
☐ Hired Girls 18+
☐ Ren & Stimpy
☐ Wallace & Gromit
☐ Rosie & Jim
☐ Pacific Coast
☐ Starkers 18+
☐ Beavis & Butthead
☐ Babylon 5
☐ Disney
☐ Kewl 18+
☐ The Mask
☐ Claudia Schiffer
☐ True Lies
☐ Females 18+
☐ Babes 18+
☐ Nude 1 18+
☐ Nude 2 18+
☐ Dreams 1 18+
☐ Dreams 2 18+
☐ Wet Babes 18+
☐ Pam Anderson
☐ Hard Target
☐ Speed
☐ Time Cop
☐ Arnie
☐ X-Files
☐ X-Files 2
☐ Pulp Fiction
☐ Body Piercing 18+
☐ Busen 18+
☐ Dark 18+

GAMES CLASSICS
☐ Space Invasion 2
☐ Gorf
☐ Defender
☐ Toado
☐ Zaxxon
☐ Donkey Kong
☐ Derring Do
☐ Pucman
☐ Deluxe Galaga 2.6
☐ Galaxy Wars

TETRIS
☐ Columns
☐ Klaktris
☐ Dr Mario
☐ Hot Blox
☐ Tetris Pro
☐ Megablock II
☐ Power Tetris
☐ Spell Tris
☐ Pill Mania
☐ Team Tetris
☐ Smashing Tetris
☐ Last Tetris
☐ Tetris
☐ Syzgy
☐ Deflektris
☐ Gyves
☐ Cybertris
☐ Super Cazitri II
☐ Statistix

PAC-MAN
☐ Yum Yum
☐ Pacman's Revenge
☐ 3D Pacman
☐ Cyberman
☐ Super Pacman 92
☐ Wabes 2.1
☐ Deluxe Pacman
☐ Pacman Worlds

BANDITS
☐ Cash Fruit
☐ Loads A Money
☐ Ambassador
☐ Bandit Mania
☐ Fruit Mania
☐ Poker Mania
☐ Super Mega Fruits
☐ Ultimate Fruit Mach
☐ Black Knight F. Mach

DRIVING
☐ Skoda Challenge
☐ Battle Cars II
☐ Automobiles
☐ Moose Drive
☐ Flaming Engines
☐ Mangled Fenders
☐ Int. Combustion
☐ Last Lap

BREAKOUT
☐ Megaball
☐ Megaball V2
☐ Cybersphere
☐ Allenoid
☐ Power Walls

GAMES BOARD GAMES
☐ Diplomacy
☐ Statistic Monopoly
☐ Othello
☐ Serious Backgammon
☐ Reversi II
☐ Monopoly
☐ Gnu Chess
☐ Pro Bingo
☐ Scrabble
☐ Draughts

ADVENTURE
☐ Starbase 13 (2)
☐ Black Dawn
☐ Dragon Cave
☐ Temp M'placement
☐ Knightwoode
☐ Seed of Darkness
☐ Psycho Ward
☐ Gladiators Dragonia
☐ Wizards Domain
☐ Intro Gash
☐ The Summoning
☐ Time Zoner (2)
☐ Dead of Night (3)
☐ Mad House (2)
☐ Lethal Formula
☐ Inner Demons (4)
☐ Legions of Dawn
☐ Black Dawn 5 (2)
☐ Emotional Conflict

QUIZ
☐ Wots Its Name
☐ S'marks Pop Quiz
☐ Wheel of Fortune
☐ Quiz Challenge
☐ Quiz Master
☐ Quingo
☐ Red Dwart Trivia 2

PUZZLE
☐ Shapes
☐ Quadrix
☐ Nova & Dog
☐ Gush
☐ Multiplex 1.1
☐ Jelly Quest
☐ Slime
☐ Zyrad
☐ Jigsaw (2)
☐ Marble Rescue
☐ Marbles
☐ Word Play
☐ Track Attack (2)
☐ Double Shuffle
☐ Toobz
☐ Jump Em
☐ Blox
☐ Springtime
☐ Marbleous

RPG STRATEGY
☐ Survivor
☐ Total Wars
☐ War
☐ Legend of Lothian
☐ Fleet 10
☐ Col Conquest (2MB)

GAMES CARD GAMES
☐ Bridge
☐ Solitaire Sampler
☐ Premiere Pics
☐ Cards & Mancala
☐ Casino Blackjack
☐ Hi Lo Card Game
☐ Cardz
☐ King Hi

BEAT EM UPS
☐ Fighting Warriors
☐ Martial Spirit
☐ Supreme Fighter
☐ Cyber Games (2)
☐ Mortal Kumquat

PLATFORMERS
☐ Willys Castle Dreams
☐ Baldy
☐ Elevation
☐ Elevation 2
☐ Fruit Salad
☐ Khwaz The Cat
☐ Wally world (2
☐ Jet Set Billy
☐ Dr Strange
☐ Dangermouse
☐ George Glaxo (2)
☐ Ace Spacecase
☐ Harry Haddock
☐ Jet Set Willy 3
☐ Techno Venture
☐ Evasive Action
☐ Glassback II
☐ Dr Strange III
☐ Nicky II
☐ Platman
☐ Top Hat Willy
☐ Egg Scramble
☐ Trap Em

TILES
☐ Shanghai 93
☐ Tiles/Zynt
☐ Imperial
☐ China Tiles

MISC
☐ 18th Hole Golf
☐ Amos Games Coll
☐ 21 Games
☐ 100 Games Pack (7)
☐ Mad Bomber
☐ W.W. Pong
☐ Bobs Garden
☐ Green 5
☐ Gravity Force II
☐ Super Lge Manager
☐ Overlander
☐ Les Dennis H'man
☐ Sonic Hedgehog
☐ Starwoids (2)
☐ Channeques (2)
☐ Super Battlezone
☐ Beavis & Butthead
☐ Judgement Day
☐ Dynamite Warriors 2
☐ Pengo
☐ Chair V1
☐ Master Blaster

GAMES MISC
☐ M.F. Tanks
☐ M.A.S.H.
☐ The Pyramid (2)
☐ Friday Night Pool
☐ Alien Bash II
☐ Super Combat 3 (2)
☐ Wooglies
☐ Course Angler
☐ Parachute Joust
☐ Demolition Mission
☐ Growth
☐ Amos Cricket
☐ Int Cricket
☐ All Rounder Cricket
☐ Trail Blazer
☐ Roulette
☐ Top of The League
☐ Mr Men Olympics (2)
☐ Phantom
☐ Punter v3.1
☐ Worms Ext Levels
☐ Alien Fishfinger

LATEST TITLES
MONO CLIP ART
☐ Asterix 2
☐ Wind in The Willows
☐ Buildings (5)
☐ Exercise

KLONDIKE CARDS
☐ Stars
☐ Voyager
☐ Vehicles
☐ Pussypack 18+
☐ Asian Ladies 18+
☐ Babes Galore 18+
☐ Babes 3 18+
☐ Babes 4 18+

GAMES
☐ Ultra Ball
☐ AGA Tetrys
☐ Blobble
☐ Smart Cardz

AGA GLAMOUR
Please state 18+
☐ Lovely Girls 1 (2)
☐ Lovely Girls 2 (2)
☐ Liz Hurley (2)
☐ Starkers 13 (2)
☐ Starkers 14
☐ Claudia Schiffer 96 (3)
☐ Glamourous Women (5)
☐ Patsy (2)
☐ Katie (2)
☐ Jo Guest (2)
☐ Joanna (2)
☐ Carla (2)
☐ China Syndrome
☐ Beachball Women
☐ In Your Dreams (5)
☐ Busom Buddies (6)
☐ Stocking Tops (5)
☐ Blondies Friends (2)

FOR A RAPID RETURN PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: FREESTYLE PD,
DEPT CU, 108 WOODSIDE WAY, SHORTH HEATH, WILLENHALL, WEST MIDLANDS WV12 5NH

30+
30p
per disk

PD DISKS
GUARANTEED:
● Next day despatch
● Only quality, error free, environment friendly recycled disks, or TDK disks (extra charge), No HighD disks!
1 to 9 = 45p 10 to 29 = 35p P&P = 50p
Order 50+ and get a voucher for 10 free

7 FREE DISKS voucher with 3 disk catalogue
(free with any order, or send 3 x 1st class stamps)

10 DISK PACKS - £2.40
Please state your workbench.

Big Name Games 1 or 2
PD Mix 1, 2 or 3
AGA Demos & Games
Arcade Games AGA
Platform Games 1 or 2
Useful Utilities
Mixed Fonts
Klondike Cardsets
Assassins Games Packs

..Plus another 150 Packs or choose your own theme for £2.90

FUTURE PD
16,000 disks (all amigas), low cost

SELECT SOFTWARE
Order with confidence - satisfaction guaranteed!
We only sell the very best and very latest pd.

SAVE MONEY! Don't order 10 pd disks to get 2 good ones! For £1 per disk you get first class quality, service and value, including:
- Virus & error free TDK branded disks in protective sleeves.
- FREE spare disk labels!
- Excellent after sales service
- Each disk is tested to ensure everything works and user-friendly
- Next day despatch, FREE 1st class P&P, or get a refund voucher.
- 5 FREE DISKS for every £15 spent
- FREE catdisks and updates.
- Spend £35 and get a FREE 50 capacity lockable disk box or deduct £3.
- Spend £50 and get a FREE 100 capacity lockable disk box or deduct £5

All titles require WB2+ and are 1 disk unless specified. (eg. (3) [any] = 3 disks. any 1 Meg Amiga). We always send the latest available versions.

UTILS
☐ IMAGE DESK 3.03 [AGA] 78%
☐ IMAGE STUDIO [HD] 90%
☐ MIDNIGHT V2.6 90%
☐ MENUS & MORE V3.2 93%
☐ CLASS ACTION V3.1 [WB3+, HD]
☐ ON FORM 2 (ANY)
☐ SCOUT MONITOR V2.6
☐ FASTVIEW V2.0 (ALL)
☐ PALETTE CONTROL UTILS
☐ DAILY BACKUP 2.42 [MUI 3.1]
☐ TEXT ENGINE V5 [ANY]
☐ MINBAR 1.13 [MUI 3.1 PREFS] 84%
☐ AMIGA TECH INSTALLER KIT V43.3
☐ START MENU V2 [MUI]
☐ AMICKFS 2.6 90%
☐ SCREENTAB 2.1 [MUI3 PREFS]
☐ MODE PROMOTER V4.12
☐ XPKATANA V1.2
☐ START MENU V2 [MUI PREFS]
☐ WINDOZE PROGS & MORE
☐ REORG 3.11 & DISKSALV 2
☐ FIASCO DATABASE 1.2 95%
☐ VIRUS WORKSHOP 6.1
☐ VIRUSCHECKER 3.4 & VIRUSZ-2 1.3
☐ XTRUDER 2.4 VIRUSKILLER 92%
☐ BLACKS EDITOR 1.02 90%
☐ BLACKS EDITOR BUTTONS 1.2
☐ FILEQUEST 1.0 DOPUS CLONE
☐ DMS GUI'S (ANY)
☐ HD CLICK V3.0 (020+)
☐ REQUESTER CREATOR
☐ STONECRACKER V4.10 3 PRO (ANY)
☐ MAGIC USER INTERFACE 3.3
☐ MUI 3.3 DEVELOPER KIT
☐ RD'S MUI UTILS 33
☐ POWERDATA PRO
☐ XPK LIBS AND TOOLS
☐ MAGICMENU PROGS & MORE
☐ EXECUTIVE 1.3 (HD) 95%
☐ MAST CONTROL PROG 1.1 (2) 93%
☐ DOPUS 4 UTILS 2
☐ DOPUS 5 UTILS
☐ DOPUS 5 EXTRAS 1
☐ TOOLSDAEMON V2.1A
☐ TURBOCAT V2.0
☐ MUI VIDEO TITLER 2.1
☐ DCOPY III PRO (ANY)
☐ REMDATE V2.1 (ANY)
☐ SUPERVIEW V4.2 (ANY)
☐ SWAZ BLANKER (AGA)
☐ SNOOPDOS V3.9 (ANY)

ART, MUSIC & DEMOS
☐ DOODLEPAINT 2.1 (ANY)
☐ JUNIOR PICASSO (ANY)
☐ DISNEY CLIPART (ANY) (2)
☐ SPECTRAPAINT V3.1 (ANY)
☐ AMIGA GUITARS (ANY)
☐ RD'S INSTRUMENTS (2) (ANY)
☐ SYMPHONIE PRO 2.1 (WB3+)
☐ DELITRACKER V2.14 (WB2+)
☐ AXIS: TIME AND EMOTION (AGA)
☐ STAR TREK RAVE DEMO (ANY)

MISC
☐ LOGIC CIRCUIT SIMULATOR 1.1
☐ ULTRA ACC V2.1 & FIN OCCS 90%
☐ ACCOUNTS MASTER V3 92%
☐ DMC GOLD DEMO (ALL)
☐ NUCLEUS (WB3+)
☐ GRAC V2 DEMO
☐ WORDWORTH FONTS (5) (ANY)
☐ DARK FICITON (ANY)
☐ BEYOND SANITE 4 (2) (ANY)
☐ AMIGA FRONTIER 7 (2) (ANY)
☐ RD'S MONITOR FIX DISK
☐ PANASONIC PRINTER DRIVERS (ANY)
☐ STAR PRINTER DRIVERS (ANY)
☐ SHAPESHIFTER 3.5 (2.1+, 020)
☐ RD'S DATATYPES (WB3+)

GAMES
☐ BATTLEDUEL
☐ EXPERIMENT DEMO (GRAC GAME)
☐ POWEROIDS 1.3 (020+)
☐ STATIX 89%
☐ PSYCHEUAL 93&
☐ DELUXE PACMAN 1.6 (AGA) 88%
☐ DELUXE PACMAN 1.6 (ECS) 88%
☐ FANTASY FORCES 1.0A (ANY)
☐ ARGUS 1.2 GAME (ANY)
☐ BREED 96 V1.3 (ANY)
☐ REBOULLDIX
☐ WREX GAME (ANY)
☐ TOTAL WAR V1.9 (ANY)
☐ MEGABALL V3 (AGA)
☐ ACTION REPLAY PRO V5 (WB3+)
☐ DIAMOND CAVES 2.8 (020)
☐ SUPER HAM & TOSES BROS (ANY)
☐ CARD GAMES DELUXE 2 (4) (2.1+)
☐ REAL CHINESE MAJONG (ANY)
☐ R3 GAME (ANY)
☐ BOULDERDASH 2.54 (3) (HD) 90%
☐ KNIGHTS V2.42 (ALL)
☐ MASTERBLASTER V2.21 100%
☐ BALLUNACY DEMO 90%
☐ SLIDER 92%
☐ TORQUE 87%
☐ SMART CARDZ V2.1 95%
☐ DELUXE GALAGA 2.6 100%
☐ DELUXE GALAGA 2.6C (AGA) 100%
☐ COARSE FISHING (2) (ANY)
☐ ANTWARS 1.9 (ANY)
☐ COSMIC RACER (ANY)
☐ COLOUR MANIA (ANY)
☐ CYBERSPHERE (ANY)
☐ CYBERTECH (2) (AGA)
☐ CHANEQUES (ANY) (2)
☐ GREEN 5 (ANY)
☐ KLONDIKE DELUXE AGA (3) (AGA)
☐ KLONDIKE 4.0 (4) (AGA HD)
☐ KELLOGS LAND (AGA)
☐ PSYCHOWARD
☐ ROCKETZ V2 (AGA)
☐ SOLO ASSAULT (ANY)
☐ SAMURAI SHOWDOWN (AGA)
☐ SCORCHED TANKS 1.85
☐ WALLY WORLD (2) (ANY)

EDUCATIONAL
☐ BEGINNERS WB3 GUIDE (WB3+)
☐ BARNEY GOES CAMPING (2) (ANY)
☐ TUMPTY FIREWORK ALPHABET (ANY)
☐ TREASURES TUTANKHAMEN (4)(AGA)
☐ RED DWARF GUIDE 96 (ANY)
☐ HOW THE EARTH BEGAN (ANY)
☐ TAR TREK: VOYAGER GUIDE (ANY)

ICONS & BACKGROUNDS
☐ NEWICONS / DEFICONS V3 (2) 90%
☐ AESICONS 4, 5 & 6
☐ AESICONS 7 & 8
☐ NEWICONS B/DROPS & ICONS (2)
☐ NEWICONS TOOLS
☐ ICONIAN 2.97 (AGA) 90%
☐ MAGIC WB ON FLOPPY V3 (WB3+)
☐ MAGIC WORKBENCH 1.3 (ALL)
☐ MAGIC WORKBENCH 2.0 (AGA)
☐ MAGIC WORKBENCH EXTRAS 2
☐ MAGIC WB BACKGROUNDS 1
☐ MAGIC RABBITS MWB ICONS V14
☐ NEXT GEN WORKBENCH (2)
☐ STAR TREK MAGIC WB EXTRAS
☐ ICONOGRAPHICS V3 (3)
☐ ICONOGRAPHICS MORE ICONS
☐ FOOTBALL ICONS 95%

Future PD & Select Software
Order Lin: 01582 36157
Address: 64 Stapleford Road,
Luton, Beds. LU2 8AY
Cheques payable to M. Wood!

ATTN. PD AUTHORS:
We'll swap up to 3 disks for 1 and if it's good enough for Select Software we'll pay up to £10 per title! Send us your submissions!

Amiga Mice

Replacement Mice	£6.95
MegaMouse 400	£9.95
MegaMouse Plus (3 Button)	£12.95
Optical Mouse	£29.95
Crystal TrackBall	£34.95
Pen Mouse	£19.95
Auto Mouse/ Joystick Switch	£12.95

Performance
85%

Ram Boards

A500 512K Ram Board w/o clock	£15.00
A500+ 1Mb Ram Board w/o clock	£20.00
A600 1Mb Ram Board w/o clock	£20.00
A600 1Mb Ram Board with clock	£30.00
A1200 2Mb Ram Board with clock	£69.95
A1200 4Mb Ram Board with clock	£79.95
A1200 8Mb Ram Board with clock	£119.95
FPU 33MHz	£33.00

Controllers

AlfaPower Hard Drive controller A500	£99
AT-Bus Hard Drive controller A2000	£69
Oktagon 2008 SCSI controller	£99
Multiface III	£79

Spider

NEW MULTI I/O CARD
FOR AMIGA 1500/2000/4000

Active 8 port high speed serial card. Multiboard Support 57600 Baud rate on all channels simultaneously. **£299**

New AlfaQuatro

Specially made hardware and software. Allows 4 ATAPI devices, ie, 2 IDE hard disk & 2 IDE CD Rom to Amiga 4000 internal IDE controller, through Alfapower on Amiga 500/500+ and possibly Amiga 1200 comes, with full IDE Fix software **£59**

Connexion New Ethernet Card

FOR AMIGA 1500/2000/4000

Features:

- 10Mbit Ethernetcard for A2000/3000/4000
- 16 Bit-Zorro-Bus Design – gives highest transfer rates while minimizing CPU load **£185**

For full specification call 0181 900 9291

Speakers

Multi Media Speakers 25 watt (pmpo)	£29.35
Multi Media Speakers 100 watt (pmpo)	£39.95
Multi Media Speakers 240 watt (pmpo)	£49.95
Multi Media Speakers 300 watt (pmpo)*	£59.95

** 3D surround sound*

92% AUI

PCF Recommended

Floppy Drives

External Floppy Drive for all Amigas	£39.95
Internal Floppy Drive A500/500+	£35.00
Internal Floppy Drive A600/1200+	£35.00
A-Grade Double Density box of 50 disks *including colourful labels*	£13.00

IDE Hard Drives

FOR AMIGA 500/500+ 1500/2000/4000

AT-Bus hard drive controller A2000	**£69.00**
Alfapower-0 controller 0Mb	**£99.00**
Alfapower-120 120Mb hard drive	£159.00
Alfapower-250 250Mb hard drive	£179.00
Alfapower-420 420Mb hard drive	£199.00
Alfapower-540 540Mb hard drive	£209.00
Alfapower-850 850Mb hard drive	£229.00
Alfapower-1.0G 1.0Gig hard drive	£249.00
Alfapower-1.2G 1.2Gig hard drive	£269.00

AMIGA FORMAT
85%

Memory for Alfapower-Plus (new) marked Alfapower-Plus

2Mb SIMMS	£30.00
4Mb SIMMS	£30.00
8MB SIMMS	£60.00

Memory for Alfapower (old)

Every 2Mb Zip-Rams	£89.95

IDE 2.5" Hard Drives

FOR AMIGA 600/1200

IDE-120 120Mb hard drive	£79
IDE-210 210Mb hard drive	£99
IDE-250 250Mb hard drive	£119
IDE-340 340Mb hard drive	£120
IDE-420 420Mb hard drive	£199
IDE-540 540Mb hard drive	£199
IDE-810 810Mb hard drive	£249
IDE-1.0G 1.0Gig hard drive	£349
IDE-1.2G 1.2Gig hard drive	£399

IDE 3.5" Hard Drives

FOR AMIGA 1200

IDE-540 540Mb hard drive	£129
IDE-850 850Mb hard drive	£149
IDE-1.0G 1.0Gig hard drive	£175
IDE-1.2G 1.2Gig hard drive	£179
IDE-1.6G 1.6Gig hard drive	£199
IDE-2.0G 2.0Gig hard drive	£239

Miscellaneous Products

DD floppy disks (50) *including multicoloured disk labels*	£13.00
DD floppy disks (100) *including multicoloured disk labels*	£25.00
3.5" Hard Drive Kit for A600/1200 *+ Install software*	£15.00
Colourful Mouse Mat	£5.00
Optical Mouse Mat	£5.00
2 in 1 Scanner/Mouse Pad	£9.95
Contoured Wrist Pad	£5.50
Plain Wristrest	£3.50
2Mb SIMMS	£30.00
4Mb SIMMS	£30.00

CD CLEANERS

CD Rom Cleaner	£6.00
Automatic CD Rom Cleaner *(battery powered)*	£19.95
Laser Lens Cleaner	£9.00

Complete CD Rom for all Amigas

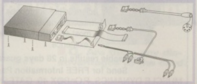
Quad Speed CD Rom for A500 (needs Alfapower V6.8 or higher)	£129
Quad Speed CD Rom for A600/A1200 (inc CD32 emulation)	£149
Quad Speed CD Rom for A1500/A2000/A4000	£109

External IDE CD Rom Upgrade Kit

comprises of:

Metal case, screws, Power Connector (draws power from disk drive port) Power Connector (for optional external Power supply), IDE ribbon cable, Stereo Audio Cables.

Kit price £39



Special Offer for this Month

IDE 3.5" Hard Drive 1.7Gig (including cables & software)	**£195**
IDE 2.5" Hard Drive 340Mb	**£120**
Viper A1230 Accelerator Board and 8Mb 33MHz	**£180**
External 8 Speed CD Rom drive complete (including cables, software and external case for Amiga 1200/600)	**£189**

Limited stocks please confirm before ordering (for specials)

2.5" IDE 60Mb Hard Drive	**£55**
2.5" IDE 340Mb Hard Drive	**£120**
2.5" IDE 540Mb Hard Drive	**£150**

All hard drives come with cable, software and screws.

3.5" IDE 850Mb Hard Drive	**£130**
3.5" IDE 1.7GIG Hard Drive	**£195**

All hard drives comes with cable and software.

STAR BUY

8 Speed External CD Rom Drive for Amiga 1200 including CD32 emulation and (A goody CD Disk)	**£189**
Viper A1230 33MHz with 8Mb	**£180**

Accelerator Boards

A1220 APOLLO Accelerator Board	£99.95
A1220 APOLLO Accelerator Board + 4Mb	£139.95
A1230 VIPER Accelerator Board 33MHz	£119.95
A1230 VIPER Accelerator Board + 4Mb 33MHz	£169.95
A1230 VIPER Accelerator Board + 8Mb 33MHz	£180.00

All prices include VAT. Please add £3.50 P&P for items under £30.00, £5.00 for items over £30.00, £8.00 P&P for Scanners, Speakers & Hard Drives, £10.00 courier for next day. Tax Free Export Orders Welcome.

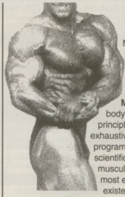
Golden Image accepts Access, Visa, Cheques & Postal Orders. E&OE. Prices subject to change without notice. Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd

Unit 65, Hallmark Trading Estate, Fourth Way, Wembley, Middx HA9 0LB
Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281
http://www.reserve.co.uk/gold Talking Pages: 0800 600900

VISA Access MasterCard Switch AMERICAN EXPRESS

BUILD MUSCLES FAST!



NEW! Fastest way to build muscles and strength without weights – EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique.

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles on existence.

Noticeable results in 28 days guaranteed.

Send for FREE Information Pack.

MUSCLE DYNAMICS, P.O. BOX 40, GATESHEAD, NE8 1PD
Tel: 0191-487 4087

MUSCLE DYNAMICS, P.O. BOX 40, GATESHEAD, NE8 1PD
Yes! I want to build muscles fast. Please rush me a FREE information pack!

Name ....BLOCK

Address ....CAPITALS

....PLEASE

..........................Postcode ....
(A stamp for reply appreciated)

CU AMIGA CLASSIFIED ADVERTISERS INDEX

Capri CD	P. 90	☎ (01628) 891022
Classic Amiga	P. 90	☎ (0161) 723 1638
Deltrax PD	P. 90	☎ (01492) 515981
F1 Licenceware	P. 92	☎ (01392) 493580
Foremat Home Computing	P. 90	☎ (01793) 853802
Freestyle PD	P. 92	☎ (01922) 710985
Future PD	P. 92	☎ (01582) 36157
Golden Image	P. 93	☎ (0181) 900 9291
Hagars Electronics	P. 91	☎ (01795) 663336
H.E.C.	P. 91	☎ (01942) 261866
Hornsoft PD	P. 94	☎ (0114) 296 7825
Kew Software	P. 90	☎ (0181) 657 1617
Mr Memory	P. 91	☎ (01483) 727333
No Mercy Software	P. 90	☎ (01845) 501326
On-Line PD	P. 90	☎ (01704) 834583
PD Power	P. 90	☎ (0374) 150972
PD Underground	P. 91	☎ (01702) 295887
Penguin PD	P. 90	☎ (0589) 722502
Second Hand Amiga Centre	P. 91	☎ (01983) 290003
Snap Computer Supplies	P. 92	☎ (01703) 457111
Starlight Software	P. 90	☎ (0113) 252 7654
Stone Close Micros	P. 90	☎ (01302) 811140
Televideo Productions	P. 90	☎ (0114) 249 1500

HORNESOFT PD
EST. 1990
DEPT (CU) 23 STANWELL CLOSE, WINCOBANK, SHEFFIELD, S9 1PZ
TEL/FAX: (0114) 296 - 7825 MON - SAT 9.30am - 7pm SUN 12pm - 10pm

PD FROM JUST 25p A DISK, OVER 16,500 DISKS TO CHOOSE FROM SEND 2 X 1ST CLASS STAMPS FOR OUR 2 DISK CATALOGUE, LISTING OUR SUPERB RANGE OF PD & LICENCEWARE, AND LARGE GLAMOUR SECTION:

(NOW AVAILABLE FLATBED SCANNING SERVICE UPTO 6400 Dpi x 6400 Dpi)

PHONE FOR MORE INFO OR EMAIL US AT:
CHRISH@DCANDY.DEMON.CO.UK

OFFICIAL 5TH DIMENSION LICENCEWARE STOCKLIST

CREDIT CARD SALES & ENQUIRIES: (0114) 296 - 7825

CU AMIGA MAGAZINE

WHAT DO YOU GET FOR £53

FREE TYPESETTING, **FREE** COLOUR
FREE COPY OF THE MAGAZINE
MORE TECHNICAL COVERAGE
MORE SOFTWARE COVERAGE
MORE PUBLIC DOMAIN COVERAGE
MORE PROMOTIONS
BETTER COVERDISKS
ABOVE ALL
THE BEST VALUE FOR MONEY PACKAGE IN THE AMIGA MARKET

☎ **GENENE DICK ON:-**
0171 972 6700

ASA ☑
KEEPING
TABS
ON ADS

THE ADVERTISING STANDARDS AUTHORITY 2 TORRINGTON PLACE LONDON WC1E 7HW

FAQ

Frequently Asked Questions

Still using a TV with your Amiga? Here's all you need to know about exchanging it for a monitor instead.

■ Q. Why a monitor?

■ A. Monitors produce much better pictures than TVs, although top quality TV sets with Scart inputs are comparable to cheap monitors. However, certain types of monitor will operate at faster refresh rates than TVs and that means larger displays with no interlace flicker.

■ Q. Can I use a PC monitor with an Amiga?

■ A. Most PC monitors are SVGA and operate at a refresh rate of about 31kHz. The standard Amiga output is 15kHz. This means an Amiga operating in this mode will not be able to display a picture. However, Amigas with the AGA chipset can open special DoubleScan and Multiscan screen modes which are very close to 31kHz. Sadly, in most cases they aren't close enough so If you are offered a PC monitor, try it before you buy it. Remember that only with a graphics card can the Amiga drive a PC monitor reliably.

■ Q. Which can I use?

■ A. There are a few monitors around which are designed for the Amiga, such as those produced by MicroVitec. Not only will these monitors display standard 15kHz screen modes but DoubleScan and MultiScan modes too. This means you can display a 640 by 512 Workbench with no interlace flicker.

■ Q. What is interlace flicker? Can I stop it?

■ A. An Amiga operating in a normal PAL video mode can display a screen of 640 pixels by 256 lines. However, a display of 640 by 512 is too much to be produced in one frame of video. Instead the Amiga takes two attempts, displaying half the image in alternate frames. The result is a larger display but with an annoying flicker. Interlace is acceptable in some video applications but it's no good for serious Workbench work.

To stop the flicker do two things: speed up the Amiga's video output and display the output on a suitable monitor: a TV simply isn't up to the task with its 15kHz refresh rate. You can speed up the Amiga's video output if you have an AGA chipset by using DoubleScan or MultiScan screen modes but as discussed these aren't compatible with most PC monitors and require a dedicated Amiga monitor. Instead a piece of hardware called a FlickerFixer can be used. This buffers the two half-frames and then resends them at a speed suitable for display on a PC monitor. The only FlickerFixer currently available is ScanDoubler II from Power Computing and it requires a Zorro slot.

■ Q. How does a graphics card work?

■ A. A graphics card (ie Picasso or Cybervision) fits into a standard Zorro slot on big box Amigas. It has special driver software which provides extra screen modes: when you alter an application or Workbench to use these new modes, the video output appears out of the back of the new card.

As well as the drivers provided with the card, many cards are supported by a package called 'CyberGraphics' or 'CyberGFX'. This is a set of drivers which is supported by lots of applications and as long as you have the relevant drivers for your card you can make use of any software which support the CyberGFX standard. It's the nearest there is to a standard for 'retargetable graphics'.

■ Q. What are the advantages of using a graphics card?

■ A. Graphics cards can open larger displays with more colours and faster refresh rates than the standard Amiga graphics chipset. As a result you can use a 256 colour Workbench screen in 800 by 600 pixels or better, without any flicker or shimmer. The Workbench display will work quickly, without using up a lot of Chip RAM.

Unlike the normal Amiga graphics modes which are based on 'bitplanes', graphics cards work in 'chunky' screen modes, which are very suited to moving around large blocks of data such as windows. Page processor/DTP programs and rendering packages such as Imagine or Cinema4D will also benefit. It's also possible to replay animations much quicker: a package such as Main Actor Professional can play back Anim files extremely fast. Apple Mac and PC emulators will also work faster with a graphics card.

Although HAM8 mode can display many colours, graphics cards can display true 24-bit images. TV Paint and Photogenics can use the new graphics modes to display thousands or millions of colours very quickly so your graphics will have never looked so sharp, bright or colourful.

■ Q. Are there any disadvantages to the card?

■ A. Yes. For a start you need a suitable Amiga as all graphics cards require Zorro slots. Then you'll need a decent monitor: it would be a waste of time attempting to use a graphics card with a TV or 15kHz monitor. You need a PC style SVGA monitor and the bigger the better. If you want resolutions larger than 800 by 600 you'll need a 17" monitor and that's another £500.

When you do get your graphics card system connected to the new monitor, you'll find that not all programs will work. Most applications will work but hardly any games will run. This is because, for speed reasons, games don't request screen modes or perform graphics tasks via the operating system: and that means they can't be re-directed to the graphics card. So, you'll need to resort to your old monitor or TV for them. The Amiga's standard bitplane graphics are much more video-friendly than the output from graphics cards. Smooth scrolling, genlocking and high-quality video titling is still best left to the standard Amiga output.

■ Q. Do all graphics cards require Zorro slots? I have an A1200, am I stuck?

■ A. One solution is to buy a Tower Case adaptor which includes Zorro slots but that is an expensive route. A new module called Grafitti might appeal to the Zorro-less or budget minded. It connects to the standard monitor output and has special chunky graphics modes which can speed up certain applications a lot. More details when we get them. ■

John Kennedy

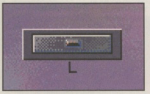
Masterclass

PART 3

Our investigation into Workbench's hidden nooks and crannies continues.

Last month we got on the case of the missing Workbench files and unearthed a few that had been lurking around in the recesses of your Amiga. This month we continue along that vein with some more files that you can find on your Amiga, if you look hard enough.

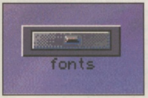
L plates



The L directory is where you will find various system handlers and file systems. This is one of those drawers which can happily keep itself to itself and leave all us alone. If you take a peek you may find exciting files such as the CrossDOSFileSystem or a CD-ROM or networking filing system if you have installed one. Yes, it's also where the Shell handler lives, but it's all a bit much at times.

For more information on the delights of handlers and other Amiga devices, hunt out a book called 'The Amiga Guru Book' by Ralph Babel. This is the respected reference work for those who really enjoy C.

Fonts are us

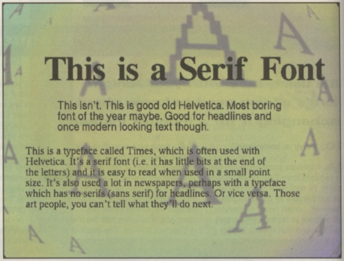


Fonts are fun: remember that. When your DTP program is refusing to print anything even slightly resembling what is on screen, repeat it to yourself like a mantra: 'fonts are fun, fonts are fun'.

Whenever you see text appear on screen, you are looking at a font. The appearance and the size of the letters is determined by the typeface used and the point size of the text. You can control the fonts used by the Workbench from the Fonts Preference editor. As you use various packages and install new programs, the number of fonts you collect will grow to frightening proportions. It's worth having a clear-out every so often. If you don't, you'll find you have to wait ages every time you want to pick a font in an art package.

There are two types of fonts: bitmapped (sometimes called non-proportional) and scalable. The default Amiga font is called 'Topaz'. The name doesn't mean anything special, it's just the title the Amiga designers gave to it. Topaz is a bitmapped font, which means it was designed to look good at a certain size. For example if you scale it up too far it will look blocky. Bitmap fonts are useful because they are memory efficient and fast. A good text editor such as Cygnus Ed can scroll text incredibly fast because it deals exclusively with bitmapped fonts.

The disadvantage of bitmapped fonts becomes obvious when you use them in a DTP program and send them to a printer. Yuck is the word! To get around this, the Amiga uses

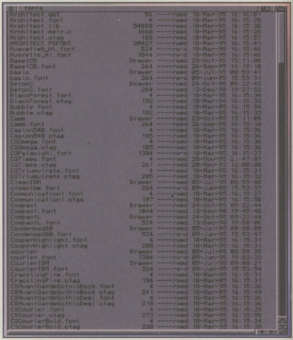


This is a Serif Font

This isn't. This is good old Helvetica. Most boring font of the year maybe. Good for headlines and once modern looking text though.

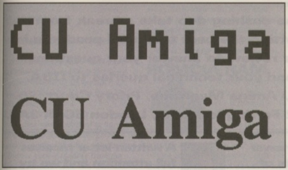
This is a typeface called Times, which is often used with Helvetica. It's a serif font (i.e. it has little bits at the end of the letters) and it is easy to read when used in a small point size. It's also used a lot in newspapers, perhaps with a typeface which has no serifs (sans serif) for headlines. Or vice versa. Those art people, you can't tell what they'll do next.

▲ Fonts come in all different shapes and sizes. Different typefaces and sizes are chosen depending on circumstances and the whim of the designer.



```
fonts
Architect.dat                   56 ----rwed 18-Mar-95 16:16:01
Architect.font                   4 ----rwed 18-Mar-95 16:15:28
Architect.lib                54880 ----rwed 18-Mar-95 16:15:30
Architect.metric              1660 ----rwed 18-Mar-95 16:15:28
Architect.otag                 188 ----rwed 18-Mar-95 16:15:57
ARCHITECT.PSFONT             20427 ----rwed 18-Mar-95 16:15:41
AveretteM_Hi.font              524 ----rw-d 18-Mar-95 16:15:46
Averette_Hi.font              1044 ----rw-d 18-Mar-95 16:15:46
BaselCB                     Drawer ----rwed 23-Oct-95 15:11:08
BaselCB.font                   264 ----rwed 26-Sep-95 14:19:10
basic                       Drawer ----rwed 05-Jul-95 08:59:41
basic.font                     264 ----rw-d 09-Jun-95 15:53:31
BetonC                      Drawer ----rwed 24-Oct-95 09:22:43
BetonC.font                    264 ----rwed 13-Dec-90 19:33:52
BlackForest.font                 4 ----rwed 18-Mar-95 16:15:34
BlackForest.otag               192 ----rwed 18-Mar-95 16:15:33
Bubble.font                      4 ----rwed 18-Mar-95 16:15:34
Bubble.otag                    182 ----rwed 18-Mar-95 16:15:33
Camm                        Drawer ----rwed 23-Oct-95 15:11:09
Camm.font                      264 ----rwed 26-Sep-95 14:19:10
Caslon540.font                   4 ----rwed 18-Mar-95 16:15:36
Caslon540.otag                 185 ----rwed 18-Mar-95 16:15:36
CGOmega.font                     4 ----rwed 18-Mar-95 16:15:36
CGOmega.otag                   185 ----rwed 18-Mar-95 16:15:36
CGPalacioHi.font              1304 ----rw-d 18-Mar-95 16:15:27
CGTimes.font                     4 ----rwed 28-Nov-95 21:47:07
CGTimes.otag                   261 ----rwed 20-Nov-92 12:00:00
CGTriumvirate.font               4 ----rwed 18-Mar-95 16:15:31
CGTriumvirate.otag             205 ----rwed 18-Mar-95 16:15:32
CleanIBM                    Drawer ----rwed 05-Jul-95 08:59:48
cleanibm.font                  264 ----rw-d 09-Jun-95 15:53:37
Communication1.font              4 ----rwed 18-Mar-95 16:15:27
Communication1.otag            197 ----rwed 18-Mar-95 16:15:50
Compact                     Drawer ----rwed 24-Oct-95 09:22:44
Compact.font                  1044 ----rwed 13-Dec-90 19:45:48
CompactL                    Drawer ----rwed 24-Oct-95 09:22:44
CompactL.font                  524 ----rwed 13-Dec-90 19:50:06
Condensed60                 Drawer ----rwed 05-Jul-95 09:00:09
Condensed60.font               524 ----rw-d 09-Jun-95 15:53:47
CooperHighlight.font             4 ----rwed 18-Mar-95 16:15:31
CooperHighlight.otag           280 ----rwed 18-Mar-95 16:15:31
courier                     Drawer ----rwed 05-Jul-95 08:59:35
courier.font                  1304 ----rw-d 09-Jun-95 15:53:23
CourierIBM                  Drawer ----rwed 05-Jul-95 09:00:21
CourierIBM.font                264 ----rw-d 09-Jun-95 15:53:54
CracklingFire.font               4 ----rwed 18-Mar-95 16:15:31
CracklingFire.otag             196 ----rwed 18-Mar-95 16:15:31
CSAvantGardeGothicBook.font      4 ----rwed 18-Mar-95 16:15:26
CSAvantGardeGothicBook.otag    241 ----rwed 18-Mar-95 16:15:49
CSAvantGardeGothicDemi.font      4 ----rwed 18-Mar-95 16:15:36
CSAvantGardeGothicDemi.otag    210 ----rwed 18-Mar-95 16:15:36
CSCourier.font                   4 ----rwed 18-Mar-95 16:15:29
CSCourier.otag                 273 ----rwed 18-Mar-95 16:15:58
CSCourierBold.font               4 ----rwed 18-Mar-95 16:15:24
CSCourierBold.otag             230 ----rwed 18-Mar-95 16:15:28
```

▲ Whoops, rather too many fonts in this directory. Time for an Autumn clean out.



▲ Bitmapped and scalable fonts. Can you tell the difference? I hope so. If you can't, you'd better visit an optician immediately.

Intellifonts. These are fonts which are different from bitmapped fonts in a fundamental way. Rather than storing a miniature image of each letter, a description of the text is stored. When drawing a letter A for example, the Intellifont describes the two lines meeting at an angle and the cross bar. The result is that no matter what size the letter is displayed at, it's always smooth. As you can imagine this process takes up more memory and processing speed. For DTP applications though, it's worth it.

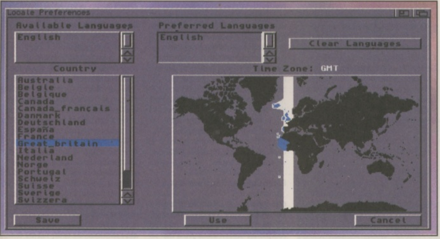
So why does your printer produce smooth text when you print a text file from a text editor or the Shell using bitmapped fonts? Because unlike with a DTP package, the text itself is being sent to the printer. The printer can then use its internal (smooth) fonts to print it.

A DTP program will not send the plain text. Instead it creates an internal image of what the printed document looks like. It then sends this image line-by-line to the printer as though it were a huge graphic image. Result: the ability to include graphics and smooth fonts no matter what size they are displayed in.

The fonts drawer on Workbench (ah, I knew we would get around to it) stores both these types of fonts. You'll see Topaz in there: in fact, you'll see a file called Topaz.font and then a sub-directory called Topaz which contains a file for each size available.

Are you Locale?

The Amiga is an international computer and this directory was part of an attempt to make it easier for programmers to provide support in multiple languages (well, English, German, French, Italian, Danish, Spanish, Portuguese, Swedish, Norwegian and Dutch). There is a Preferences editor entitled 'Locale' and by setting this your application would hopefully develop the ability to speak to you in your chosen tongue. Nice idea, but few programs actually support it. It's still worth exploring mind you. If you look in locale:help/English/sys you'll find a file called amigaguide.guide. This is the file which AmigaGuide uses when asked for help. Altering it can be both useful and amusing too.



▲ The Locale editor can change where you live. Virtually.

Here Rexx boy

Aha, now we're talking. This is where the Amiga's built-in programming language lives. Here you'll find the various ARexx commands such as 'RX'. We've dealt with ARexx is past Masterclass tutorials in a great deal of depth and this is where the magic spells are kept. ■

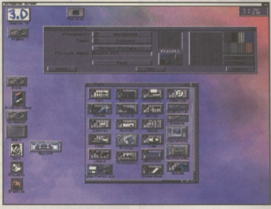
John Kennedy

Pretty backdrops and icons

Maybe you are wondering why my Workbench looks a lot less drab than yours. Is it all down to my sparkling personality? Well, partly, but a lot is also due to a Preferences program called WBPattern. Use it and you can select a standard IFF image to appear in the background of the Window or the Workbench screen.

The only snag is that you are limited to the number of colours of your Workbench display. Unless you have a graphics card, anything more than sixteen can be pretty slow and memory greedy.

Creating your own backdrop patterns can be an interesting evening's entertainment. I like random patterns of pastel shades, because it's still possible to read black text over them. Others prefer stone or marble textures or even digitised images.



Logos, meanings and mysteries:

CD ROM	CD32 queries, ParNET and various other CD ROM-related problems.
EXPANSION	All about upgrading RAM, operating systems and processors.
ACCESSORIES	Plug-in hardware of any kind: scanners, disk drives etc.
PROGRAMS	Answers to queries on particular pieces of software.
SOUND	Music, sampling, MIDI and anything that makes a loud noise.
UTILITIES	Miscellaneous tools to keep your Amiga running smoothly.
PRINTERS	Form-feeds, page-breaks, preferences and lots, lots more!
MONITORS	Monitors, TVs, modulators, screen-modes and all that stuff.
GRAPHICS	Pixels, sprites, animation, pictures. In one small word: graphics.
BUSINESS	Spreadsheets, databases, organisers, accounts ...
COMMS	Everything you need answering about the internet
HELP	Not everything fits into a pigeonhole, but anything you like fits in here.

Q&A

The dashing duo take a break from getting the best technical products in for review to answer your questions. Send your technical queries to Q&A, CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

We can only answer limited amounts of telephone queries, so please write in to get the help you need.

A written letter receives full attention and we try our best to come up with a solution. It's good to talk but it's better to write.

Overdrivers

I recently purchased a second hand A1200 with an Archos Overdrive dual-speed CD-ROM drive plugged into the PCMCIA slot. An Archos 'Over-CD' installation disk came with it but the installation does not work properly. One executable on the disk called 'update-handler' recognises that I have an EIDE CD-ROM drive present, as it copies a file called 'EIDE' to the RAM-disk. The presence of this file then causes the execution of the correct part of the installer script. The problem is that the only file that gets installed is 'L:overcd-handler'. The installer script then tries to install some libraries into LIBS: from a disk called 'OVERCD', which I do not have.

The person from who I purchased the machine insists that only one installation disk came with the drive. Do you know where I can get another set of installation disks from? In reply to Duncan Strand's letter in the September issue you stated that the Zappo and Archos CD-ROM drives are pretty much the same. If so, would Zappo CD installation software work with my CD-ROM drive? Would it be possible to replace the drive in the Archos unit with a newer faster one (say four-speed or six-speed)?

Peter Barrack, Pembrokeshire.

Right, first of all let's check that those missing libraries aren't on the installation disk (which you refer to as 'Over-CD' and the script calls 'OVERCD'). If they are there you can copy them to LIBS: by hand. If not, it sounds like you need another installation disk (how come the original owner never installed the drive?). Zappo installation disks would probably work if you could get hold of some. Replacing the drive with another IDE mechanism should present no problem.

We'll keep your address on record in case any nice reader feels the urge to send us in any replacement installation software for you.

PC monitor

I recently acquired a Philips 9CM053/00b PC colour monitor. There was no manual with it so I phoned Power Computing to ask if their VGA adaptor would work with this monitor. They said the 9 pin connection on the monitor would not fit their adaptor and recommended phoning RSD Connections in Hertford, which I did. RSD said there should be no problem connecting my A1200 to the Philips monitor. They supplied me with an adaptor cable but I could not get a picture on the monitor from Workbench. I got a pale multiple image when I tried the game Soccer Kid on it.

I wrote to RSD but they replied that they only supplied cables and could not help with technical advice. Is there anything I can do to get this working or is it just a case of incompatibility and £15 wasted on a cable?

Peter Collins, Tipperary Town.

Good news: you should be able to get your monitor working with your A1200. You need to select a VGA compatible screen mode from the Workbench preferences. This monitor will not display video screen modes, the default screen type selected by your A1200. Soccer Kid (and most other games) will not work on this monitor because they too use a video screen mode. There's no way you can change the screen mode used by most arcade-style games, so you'll have to use a TV or a video-capable monitor to view those.

SoundStudio

I have a few points concerning OctaMED SoundStudio.

1. When I try to use the echo effect in a fairly big module I get 'not enough memory' even though I have a 4Mb RAM card.

2. To get SoundStudio to work without the owner check failing, I have to put the entire disks' contents into the RAM disk. Why is this?

3. My setup is an A1200 with 6Mb of RAM and a Gillet Micro Mixer. When I try to use the pan effect '2E' you can't notice the effect. But I still want to put my modules through the Micro Mixer.

4. Most of my breakbeats are split and saved as segments (ie. 'bass shot.amen', 'snare-riff1.amen' etc). I know very little about ARexx scripts but I want to write a script that would load all the relative segments of a sample when I clicked on just the first.

5. Where and how do you get the Startup.omed script to work? I would like SoundStudio to load a metronome module with a 4/4 beat as a default. I can get it to work from a keypress but I'd much rather just have it work automatically every time I start a new module.

6. I'm on a tight budget. Can you

recommend a 50MHz accelerator for about £200?

Mike Fishwick, Isle of Wight.

1. First check you have '1-64 channel mixing' selected from the Song Options window. If so, try altering the size of the Mix Buffer from the Mix Settings window.
2. We're not sure on this one. Ours works fine when installed to hard drive from floppies, although the CD version requires the disc to be in the CD drive even if loading from the hard drive.
3. This panning effect works fine for us. As with question 1, check that '1-64 channel mixing' is enabled. Also make sure you are using the correct values (F0-FE for left and 00-10 for right panning).
4. This is tricky. We're starting up a whole new ARexx series very soon, so keep 'em peeled – that should sort you out.
5. Likewise, an ARexx tutorial is really in order here.
6. The cheapest 030 accelerator for your A1200 is the Magnum 030 card, which is available with a very capable 40mHz 68030, optional FPU and no RAM for £139.99 from Wizard Developments (tel: 01322 527 800).

The Blizzard cards available from Gordon Harwoods have just been reduced in price and are now better buys than ever. The 1230 Mk 4 (with a 50mHz 030 and MMU) is now £159.99. Call Harwoods on 01773 836 781 for details.

If your existing RAM card has a SIMM on it, check before hand with your dealer because you should be able to carry it over to your new accelerator.

CD music

Can I sample snatches of audio CDs for use within OctaMED 5.04? My CD-ROM details are as follows: **Make: Matshita**
Model: CR-581 Quad Speed
Unit: 1 Device: Tandemat_PCMCIA.device

Is this possible with my current set up or is separate software or a dedicated sample needed?

Graeme Milne, Northumberland.

Certain types of CD-ROM drives can pass the sample data from audio CD tracks across to your Amiga. There are a few tools available from the public domain which will allow you to do this, such as AudioLab 16 for example (which was included in a rather earlier form on our CUCD II). Your particular drive is not listed as being compatible with it, but that doesn't mean that it's not. Try hunting down that and any other similar software (search PD CDs for "cdda" which is short for CD digital audio).

PCMCIA RAM

I've had my Amiga 1200 for almost a year now and since I purchased it I have been trying all over Hull and the local area to find anywhere that sells memory cards for the PCMCIA port, but as yet I have had no luck. Any ideas where I might get one?

Paul Collins, North Humberside.

A PCMCIA RAM card will be slower and probably more expensive than an equivalent RAM card for your trapdoor expansion slot, so you may as well ditch that idea. A trapdoor RAM card will free up your PCMCIA slot for other peripherals, such as a CD-ROM drive, a video digitiser, hard drive and so on. If you're determined to get a PCMCIA RAM card you might try looking ay some PC dealer's adverts. These should work fine in your Amiga, even if they are a bit slow.

Cheapo CD32

I have required a CD-ROM drive for my A1200 for some time now and recently have been offered a CD32 for £99.99. Please could you help me by answering the following questions:
1. Is it true that a CD32 could be connected to an A1200 via a Parnet cable, or indeed any other cable?
2. Would the above connection enable both the A1200 and the CD32 to share the CD-ROM, the hard drive, and the floppies? Or at least could the A1200 access the CD-ROM in a fast and reliable way?
3. Where can I get a Parnet cable from, and for how much, or could I make one?
4. What is the speed of the CD32's drive?
5. Is there any difference between the A1200 and the CD32 internally?
6. Has the CD32 got stereo sound outputs for connection to an amplifier and will the machine play music CDs?
7. Is £100 a good price to pay for a brand new CD32?
8. Is it possible to attach a floppy drive to the CD32 and load Workbench? Can a keyboard be attached also?

C Purle, Lancashire.

1. Yes you can.
2. Yes, but the data transfer rate is not very fast.
3. You can get all the necessary software and cables from Marpet Developments for £24.95. They call the package CD32 S-PORT. Call them on 01423 712 600 for more details.
4. It's a double speed drive.
5. Yes there are a few differences, but the CD32 is based on the A1200.
6. Yes it has stereo audio outputs and will play audio CDs.
7. You could probably get one cheaper if you shop around.
8. Not without adding an expander system, such as the CD32 ProModule, as reviewed in the July 1996 issue of CU Amiga Magazine.

Talking trash

Is it true? Did the Gurus at CU Amiga Magazine actually advise people to format their hard drive, just to eliminate an annoying trashcan (Masterclass, CU Amiga September 96)? What nonsense. There are two perfectly simple ways of removing a trashcan from a directory. These are as follows:
1. Open a Shell and type 'delete workbench3.0:trashcan#?'. This will delete both the trashcan and its icon.
2. Use the IconEdit program supplied with Workbench to change the trashcan icon into a drawer icon (Type menu, select Drawer), save the changes then delete the trashcan from Workbench by selecting it and using Delete from the Icon menu.

There, now isn't that a lot easier than reformatting your entire hard disk? Not mention a damn site safer. I will consider this a brief lapse of concentration on your behalf and trust it will not happen again.

Scott Strachan, Portsmouth.

Yes, you could do either of those things, but John says that if you follow point one and then at a later date selected Empty Trash (either deliberately or by accident) the system may well get confused and do something rather horrid. When faced with your second suggestion John says that yes, you can go right ahead an do what you like with your Trashcan, getting rather tired of the whole affair, perhaps wishing he never mentioned it in the first place. But he's not wrong!

Oh go on ...

In Kays Catalogue I saw an Amiga 1200 Internet Surfer pack with 2Mb of RAM expandable to 4Mb for £629.99. Is this a good purchase? I am looking for a computer that can handle graphics, wordprocessing etc as well as having good gaming capabilities. Also, as I use a Mac and PC computers on a daily basis I was wondering if there was a piece of software that can translate Amiga files into PC format and vice-versa (ie a program similar to Apple File Exchange on the Mac) as this would greatly benefit me and my studies.

And finally, with all the speculation surrounding the Amiga's future, I was wondering if the Amiga would continue to be one of the leading home computers.

Tony Smith, N Ireland

First of all, yes it's a good buy, although the Internet software in the bundle is now quite dated. Once you're on-line you can get all the latest from the Internet. The Amiga 1200 can actually be expanded to at least 130Mb RAM with cards such as the Blizzard 1230/40/60 range, not just 4Mb. Yes, it's excellent for graphics and productivity software and also has a wide variety of games available. You don't need any extra software. The A1200 comes with Cross-Dos as standard, which will read and write to PC format disks, as well as format them from scratch. Mac disk emulation systems are also available. As for the machine's future, it's holding up amazingly well so far ...

Send your Q&A problems to ...

You can send your technical problems [or answers – Ed] to CU Amiga by the following means:
By letter to Q&A, CU Amiga, Priory Court, 30-32 Farringdon Lane, London, EC1R 3AU.
Email: Q+A@cu Amiga.co.uk.
NO SAES PLEASE We regret that we can't respond to readers' questions by post or over the phone. Please do not include a stamped addressed envelope with your letters as we simply don't have time to answer the thousands we receive. Responses are only available through the pages of this magazine.

CU

AMIGA

MAGAZINE

Are You Getting It Every Month?

AMIGA MAGAZINE
CD-ROM
AMIGA MAGAZINE
Super CD-ROM II
AMIGA MAGAZINE
Super CD-ROM III
AMIGA MAGAZINE
Super CD-ROM 4

Dear Newsagent:

☐ **Please reserve/order a copy of the December CD-ROM edition of CU Amiga Magazine for me**

☐ **CU Amiga Magazine now has monthly CD-ROMs, please reserve/order one for me every month until further notice**

☐ **Please reserve the standard floppy disk version of CU Amiga Magazine for me until further notice**

My name is---------------------------------------

My Address is ----------------------------------

Newsagent: CU Amiga Magazine is distributed by Frontline. Please contact your local wholesaler for copies of the CU Amiga Magazine CD edition, monthly at £5.99 from November 1996.

It's official. CU Amiga Magazine Super CD-ROMs are good for you!

Praise for our Super CD-ROMs just keeps coming in. And the good news is that we are determined to stick to our pledge to bring you the best Amiga CDs you can buy. Our monthly CDs are packed with top utilities, games, artwork, music modules and exclusive applications and goodies. Don't miss out on the CD or the superb floppy issues, ring subscriptions now on: 01858 435 350 or place a reserve order with your newsagent using the form here.

Points of view

Charts and hearts

■ Alan Dykes is CU Amiga Magazine's editor. But not for long (sob).

By Alan Dykes

I would like to take this opportunity, my last as it turns out, to comment on the situation the Amiga community finds itself in at the moment. On one hand tens of thousands of people are still buying CU Amiga Magazine, still enjoying it and still finding it the invaluable source of information it always has been. On the other hand magazines are closing down and software houses are deserting Amiga because sales aren't as high as they were. And who can blame them? You can't survive on good will alone.

> “Accusations of recycling are fully justified, but what the hell, if Stock, Aitken and Waterman could do it why can't Sensible?”

But don't let the begrudgers drag you down. Mail order sales of CD software, of hardware, of games even, is stronger than the charts let on. If people can't get games in shops by golly they'll get them elsewhere, and many of these sales will not be recorded by those who compile charts. You haven't been able to get productivity software in shops for years now but that hasn't stopped people upgrading via mail order to later, more powerful versions.

Sour power

Some weeks ago Stuart Campbell, ex-Amiga Power staffer (a mag sadly no longer with us – and pretty sad too while it was), penned a typically vitriolic put-down of Amiga games sales for the console dominated TV Teletext report Digitizer. Mr Campbell is a respected computer games journalist of considerable experience, and even if his reference to Amiga Power's 'mighty oaken doors' is a little overstated – token would have been more accurate for the last 12 months considering its size and its anti-Amiga attitude – he should certainly be taken seriously. Or should he?

His report centred around sales of three games in July, with figures complied from the Gallup/ELSPA charts top ten. The three games were Gloom (no position stated), Premier Manager 3 (number 5) and Worms (number 2). The first sold 118 units. Hmm. The second sold 332. Dearie me. Worms sold 526 copies. Oh no! More information on total sales follows and, getting out his calculator, Stuart works out that Worms has sold approximately 19,666 copies on Amiga since it was launched. Is that including or excluding the 526 in sold July? Never mind. By the way Team 17 disagree with his sales figures but he's using industry standard information so let's stick with it.

Fact finding

What Mr Campbell fails to point out is that each of these games has been on sale for over six months. Gloom Deluxe is no doubt the version of Gloom he is referring to (it's the only one on sale in my local HMV), which is itself a 10 month old sequel to a game well-nigh 18 months old. Premier Manager 3? Another old sequel. Worms, the only original game, was also released before Christmas 1995. Using Stuart's gloomy benchmark figures would mean that at an average of just over 500 games per month Worms would, even by now, have sold just 5500 copies and not the 19,666 he himself quotes (that's 500 per month for the 11 or so months it has now been on sale for).

But hold on, is it possible the reason these games aren't selling well is that they're just too damn old now. No doubt the vast majority of Worms' total sales were achieved within the first month or two, like any piece of software. You see these three old timers are still in the top ten because nothing has ever been released that's worthy of replacing them there. You can't have sales without products to sell!

Another odd omission was the number 1 game that month. No prizes for guessing what it was. I'm not suggesting that SWOS is selling tens of thousands every month, but it's ahead of Worms and due to Warner's policy of bringing out a new version almost every time the Amiga community breaths the game remains at the top. Accusations of recycling are fully justified, but what the hell, if Stock Aitken and Waterman could do it why can't Sensible ? The real point is that you can't sell the same old stuff forever, it has a shelf life and if it isn't replaced it won't be sold. A computer format cannot hope to survive long if its manufacturers keep going out of business either.

Software producers will always pick the newest and most exciting platform to develop for. If and when VIScorp finally conclude their buyout, produce or licence for production the next generation Amiga and manage to avoid the receiver, things will change. But in the meantime there are still lots of people out there looking for the latest NEW software to run on their A1200s, and where there is demand legitimate supply usually follows (in the free world anyway).

If you want the Amiga to stay around then remember you have the power to keep it going. You could do worse than trying to program your own games and applications: anything is possible. As Jean-Luc Picard would say: 'Make It So'. ■

ENGLAND
1-0
SWITZERLAND

▲ Sensi Soccer (above) was omitted from Stu's charts while Worms (below) was said to have sold 526 copies .

Backchat

Last month, it was Spain, this time it's the Italians who are having their say concerning our Euroscene feature. And one brave young boy takes on the software publishers. Isn't it time you wrote in?

Letter of the Month
An inspiration to us all

I originally got an Amiga 500 about six or seven years ago to play games on. Every boy in my year had one, it was the in thing to have and we had them because we enjoyed playing games. Since then I have upgraded to an A1200, a Blizzard 1230/IV and a CD-ROM drive for the purpose of playing better games. The A1200 was bought to play AGA games, the CD-ROM drive to play CD32 games and the Blizzard to play new Doom clones such as TKG. However, I have become increasingly frustrated by the lack of new games coming out that really push my system to the limit. I wrote to a number of games companies asking them why games such as Putty Squad, TFX and Myst were never released. I am asking that other Amiga users do this and join together to write similar letters to publishers so we can finally see games such as TFX and Putty Squad which I am sure would be a huge success on the Amiga. I believe that if all the active Amiga games users group together and pressurise the publishers we could get more games in the shops that people actually want to buy. The Amiga users have grown up, we are no longer a group of school kids with A500s but a group of students with Amigas which are easily a match for some of today's PCs. I feel that the software industry needs to be told what the other underlying trends in the Amiga games market are. So please write to them and let them know that you are out there. Remember it is always games that sell home computer systems not hardware specs or business software. Therefore the future of the Amiga still lies with quality games.

Richard Hunter, Nottingham.

That's what we like to hear: stories about people who are actively doing something to keep the Amiga alive and make people ware that there is still a huge amount of people out there ready and willing to part with lots of cash.

A few ideas

About eight months ago I sold my Amiga 1200 and I finally started to use a PC I bought about a year and a half ago, after selling my A4000. However, I just could not get on with the PC so I purchased a secondhand A1200 until Windows '95 turned up. Even so, I still buy your magazine because the PC world is so dead (it's all business or games, no productivity) and there is just no magazine like yours for the PC. I think it's because the Amiga had this great family behind it who are dedicated users squeezing the last bit out of the machine, whereas PC coders just expect you to upgrade your processor or RAM. And now you have put a CD on the cover, I can also use some of the pictures, sound modules, etc on my PC, giving me a little bit of the Amiga back. Thanks.

I think that Phase 5, etc have got the idea right, but I agree with Grant Sutcliffe (Backchat, Sep 96) these will be over priced machines for the average user. The A1200 market is desperate for a cheap machine that is very powerful.

A better idea would be if the A1200 motherboard was upgraded with PC components. The operating system could be modified to make use of the new chips, so the processor would stay the same but increase to 40MHz, with an option of an accelerator board in the trap-door, which would contain an Intel chip (a Pentium), which would allow the user to use the machine as an Amiga or a PC. Hopefully the machine would cost in the £400-£500 price range.

Mr Symonds, Basildon.

Surely that would make it a PC? And it would be expensive. Sorry.

Are you listening?

Attention games developers for the PowerPCAmiga and VisCorp/AT. If the new machine is to get off the ground outside the current Amiga community, it needs a really good advertising plan, i.e bill-boards and TV ads, maybe even an advert in The Times' 'Interface' supplement. A slogan could be: 'The Technophobes' Computer For The Future', indicating the fact that the Amiga is an easy-to-use, easy-to-set up computer. None of this 'Plug 'n' Play Multimedia' junk.

Also, to all the software developers out there: get quality games in the stores to coincide with the release of the machine. The Amiga community wants, nay, needs top games if the PPC is going to compete with Bill Gates' monster. Games such as Command and Conquer, Quake, Duke Nukem 3D, Resident Evil and the like really need to be programmed, but BETTER. PC? Pa! Primitive calculator!

Jonathan Hopper, Email: hops@thenet.co.uk

ROM cards please

We all remember the days when the Amiga was the ultimate home computer, when all graphics artists used DPaint and all games-players played the latest games like Lemmings. But all this has changed now, it looks like the PC is winning the race as the ultimate home computer. This is mainly due to CD-ROM drives being standard on all PCs. But there is something Commodore made standard also. Are we forgetting the Amiga 600 and Amiga 1200 both came equipped with PCMCIA slots as standard? When the A600 was launched, everyone thought we would be seeing new ROM card software. But software developers didn't do this mainly because most Amiga owners had A500s instead. Now though, almost every Amiga owner is an A1200 owner, if not at least an A600 owner. So I urge Amiga software developers to start developing ROM cards! It may make it the ultimate storage device! And to the readers of this excellent magazine to write or Email them.

From Joe Betro, Croydon.

You're great

After reading your magazine for years I decided to finally write in and

1. Commend you on a brilliant magazine (suck up). The cover mounted software,

be it on CD or disk is excellent. Also thank you for recognising that the A1200 is now the standard Amiga and making most of the cover mounted software run only on machines like these (it might encourage people to finally upgrade). Thanks also for your awesome homepage. It is one of the best I've seen in ages.

2. Grumble about all the people writing in and whining about not having the money to upgrade so software developers should make their software 1.3 compatible.

I didn't have a proper job until three months ago. Until then I was working for £25 a week. However, I still have enough money for your magazine, I also scrounged enough for an accelerator and 4Mb of ram. If you don't have the money for the magazine don't write in and whine, these guys need to make a living too. If you don't want to fork out the dosh for hard/software then send it down here, my friends and I will buy it. We are not afraid of upgrading. Between the four of us we have 102Mb of Ram 6 Gig of Hard Disk space, 2 Zip Drives, 10 Zip Disks, 2 4000/040's, 1 1200/030, 1 1200/020, 3 SCSI cards, 1 Cybergraphics board, 1 Flat Bed scanner, $1000's in software, 1 modem, 1 multiface card, 2 CannonBJ4000, 1 Panasonic KX-P1180, 1 Laser printer. Over here if you want to run the software you either grin and bear or you upgrade – you just don't moan about it.

Steven Covi, Western Australia.

A collector's item

I have been an Amiga user for over eight years now and have been a CU Amiga Magazine reader for most of that time. Inevitably then I have a lot of CU Amiga Magazine cover disks.

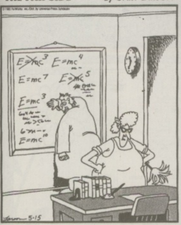
My collection presently stands at 131 disks, ranging from cover disk 139 on the front of last month's magazine, all the way back to cover disk eight from October 1990 which features a playable demo of Robocop2 and Lemmings.

What I am now aiming to do is complete my collection by getting cover disks 7 to 1 and the two 'Commodore User' Amiga disks. Is there some way of getting hold of these disks and if so ... how? I'd be very grateful for any advice.

Al Angus, Edinburgh.
Email: bono@post.almac.co.uk

Sorry Al we sold out of those cover disks a long, long time ago but anybody out there with those cover disks to spare can contact Mr Angus on the Email address shown above.

THE FAR SIDE By GARY LARSON



"Now that desk looks better. Everything's squared away, yessir, squaaaaaared away."

For the record

With regard to your August issue, I noticed a letter about minimum quantities of record pressing. Actually, the minimum in Europe is by a very reliable company called Gramafonove Zavody in the Czech Republic FAX: 0042 311 962143. They are also extremely cheap and offer pressing run quantities as low as a 100 units!

I would also like to take this opportunity to thank you for running the CU Amiga/FCI Internet offer, which I took full advantage of. The process was cheap and simple and I can now take my record label onto the net. Thanks also go the those support guys at FCI whose patience and advice was invaluable.

Justin Mitchell, Cold Spring Records.

Thanks for the tip off.

A show of support

After reading Andrew Clarke's letter in August's CU Amiga Magazine, I rang The Computer Store he referred to, to confirm that they had CD32 games in stock. I then drove my son to Doncaster, where he bought six games (five CD32s and one Amiga) for less than £28.

So, I have a suggestion. If Amiga users know of a local retailer who is supporting this vastly under-rated computer of ours, write to CU Amiga Magazine and make it known. This will make it easier for other users to find the Software they want locally, it rewards local outlets for supporting our forsaken format. So here's two to kick off with: Game in Meadowhall, Sheffield stock games for both Amiga and CD32 and at Virtual reality, also in Meadowhall, I recently bought AB3D for a mere £5.97.

David Green, South Yorkshire.

This is good news to hear David. Yes we would be very interested in hearing from other readers who want to mention a particular store that is supporting the Amiga in their area. Please send in the details to "I got it here', CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

Tight wads

Who the hell do those Amiga owners who say 'Why won't The Killing Grounds work on my .5Mb A500 (V1.2)'... think they are? The rest of us go and spend hard earned cash on accelerators and RAM upgrades in order to keep the technology/scene moving, but these maggots seem to be oblivious to this fact ...

How many 286/8086 owners query why they can't run Quake or GP2 ? None because they'd never get over the slagging. Now I have both an A4000 and a Pentium PC. But technology marches ever onwards. I started off with an Atari 800XL and upgraded to the A500 then to the A1200 then added 4Mb/CD Rom, sold it and bought ... etc ... etc So this is how it works. And if people cannot appreciate this then too bad.

I just read in your mag Worms (V1.5!!) is AGA only ... GOOD, ABOUT TIME why should I have to suffer because certain people won't upgrade. I invested time and money in my machine and I should be able to enjoy the benefits. Games like the Killing Grounds kick ass on faster machines and this rings true with many other types of games: racing, adventure etc.

The Great Cornholio!!! :-), Emailand.

In the club

I have been using the Amiga for about three years and have collected quite a few emulators. As I have not heard of an Emulators club for the Amiga I would like to start a club of my own. I would like feedback from anyone using emulators or people who are interested in using them can get in touch with me by contacting me at the following address:

Mr Vincent Andrews, 35 Byron Close,
Newark, Nottinghamshire NG24 4DX.

Those crazy cows

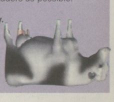
I am an old Italian Amiga user and I want to congratulate you on an interesting magazine. I've bought CU Amiga Magazine since 1992 and, in my opinion, the 'Workshop' is the most useful section.

However, I'm writing to remonstrate you about the article which appeared on CU August 1996 page 28. In the submitted article Mr Alan Bunker wrote that my country is 'famous for: Ferraris; fashion; MAFIA'. Thank GOD he forgot about 'Spaghetti; Mandolini; Pizza and Luciano Pavarotti'. But above all I want to know how you feel about discovering that in other countries the UK is known only for: 'the crazy [mad] cows; hooligans and sexual interlacements in the Royal Family.'

Also, Mr. Bunker should inform himself before writing an article like this because there are other magazines apart from The Games Machine which cover the Amiga such as 'Jackson Amiga Magazine' (81 pages with 1 disk full of PD), 'Enigma Amiga Run' (CD-Rom); 'Amiga Byte' etc ... These magazines deal with the Amiga only, and don't just delegate it only eight pages so they can pack in as many readers as possible.

Fabio Sanna, Italy.
Email: Fabio_
Sanna @amp.
flashnet.it

Of course you're right.

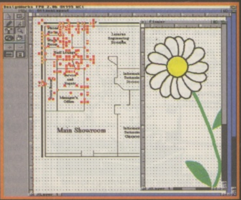


Coming soon...

Design Works

Featuring:

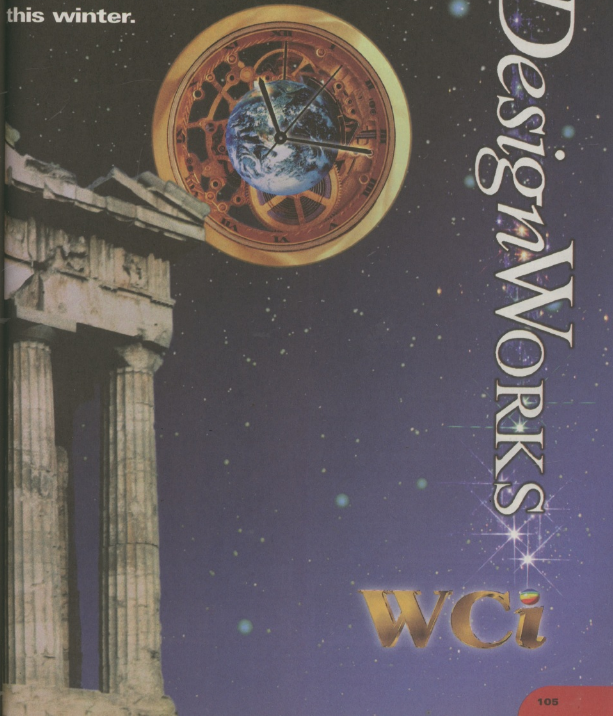
- A revolutionary drawing interface
- Multiple drawing layers
- ARexx support
- Multi-page images
- Multiple document support
- Multiple undo and redo levels
- Customisable multi-colour fill patterns
- Support for the following file formats: IFF, GIF, BMP, PCX, JPEG, TARGA, TIFF, EPS and DR2


Lazarus Engineering Division
Staff Lounge
Service and Repair
Manager's Office
Main Showroom
Flower
Layer 1

Published by Canada's Wonder Computing, Design Works has proved popular on the other side of the Atlantic and now it's about to be released here in the UK. One of the Amiga's most powerful design packages, it will bring unrivalled ease to your drawings and artwork.

DesignWorks

The ultimate structured artwork package from Leading Edge will be making its UK debut this winter.



Subscribe Now!

CU Amiga Magazine is the most authoritative source of information about your Amiga. Whether it be graphics, programming, music, business, games or accessing the internet you're interested in then this magazine can tell you all about it. It remains the complete Amiga solution.

AMIGA MAGAZINE
SPEED!
FULL PACKAGE!!!
Upper Disk Tools
Mikro Mortal Tennis
PLUS
Miami Vs Termite
Emplant emulation
BACK IN THE USA
AMIGA MAGAZINE
DOpus 5.5
Which Browser?
Amiga on the move

Why CU Amiga Magazine?

- Innovative, exciting cover disks or CD-ROMs every month – featuring productivity and games
- The most informative features available – on all Amiga relevant subjects
- Opinions from reviewers you can trust
- The best tutorials in the business
- The magazine most committed to supporting the Amiga

Subscription Priority Order Form

Ordering by phone

The easiest way to take out a subscription to CU Amiga Magazine is to order it by phone. All you have to do is call 01858 435 350 from 9am to 5.30pm, quote the type of subscription you want (eg: UK 12 months, UK six months, Rest Of World 12 months) and the following subscription code: IA2G. Then, once your name and address has been taken and payment has been arranged, a subscription copy with top class floppy disks or the best CD-ROM available (you can order either) will wing its way to you as soon as the next one is printed. Prices below.

Ordering by post:

A. 12 month subscription

Please tick which one of the following subscriptions you want:

United Kingdom and NI:	☐ *Disk version* **£54**	☐ *CD Version* **£72**
Europe and Eire air mail:	☐ *Disk version* **£70**	☐ *CD Version* **£87**
Rest of World Air Mail:	☐ *Disk version* **£90**	☐ *CD Version* **£107**
Rest of the world surface mail:	☐ *Disk version* **£60**	☐ *CD Version* **£77**

B. 6 month subscription

Please tick which one of the following subscriptions you want:

United Kingdom and NI:	☐ *Disk version* **£27**	☐ *CD Version* **£36**
Europe and Eire air mail:	☐ *Disk version* **£35**	☐ *CD Version* **£43.50**
Rest of World Air Mail:	☐ *Disk version* **£45**	☐ *CD Version* **£53.50**

C. Your details

Title (Mr/Mrs/Ms) ____________ First Name ____________

Surname ____________

Address ____________

Postcode ____________

Country (where applicable) ____________

D. How are you paying?

By cheque/money order ____________ Total ____________

By ☐ Visa ☐ Access ☐ American Express ☐ Mastercard

Credit card number ____________

Card expiry date ____________

Date ____________ Signature ____________

Subscription Source Code: IA2G

From UK only: CU Amiga Magazine, Subscriptions department, EMAP Consumer Magazines, FREEPOST (LE5981) Leicester LE87 4AB.
From Overseas: CU Amiga Magazine, Subscriptions department, EMAP Consumer Magazines, Tower Publishing, Leicester LE87 4AB, UK.

et Started is a true AGA multimedia title for your Amiga. Despite the name 'Get arted' is designed for all those who want to experiment or learn more about the pabilities of their Amiga. Beginners through to Intermediate users will benefit from ing Get Started. It covers a myriad of different areas - DOS, Workbench, using the U, getting onto the Internet, Word Processing, DTP, Graphics (raytracing, bitmap ork etc), Music (Octamed, MIDI), Programming etc etc. Did you want PD style multiedia CD's on your Amiga? If so...get this!

y and Gareth Craft
ve Bye
Wiles
ny Hicknott
er and David Clarke
non & Co.
rk Thomas
nny Amor
son Jordache
e Hemenway
vid Taylor
n Kennedy
nny Ford
stin Joyce
ew Campbell
chard Bannister
encer Jarvis

- Amiga MIDI
- AMOS Programming
- Octamed in Depth
- DTP, Printers, Clipart
- 3D Animation
- 3D Architecture
- WWW Design/future
- The CD and German Mkt
- Bitmap Graphics
- Animation
- Storage, Emulation
- Internet etc etc etc!
- PD Section
- Amiga DTV
- AMOS 'Hands-on'
- Music (Soundstudio)
- Imagine 'Hands-on'

- MIDICraft
- F1 Licenceware
- Octamed Expert
- LH Publishing
- The Room Upstairs
- V.S.I.
- Global Internet Ltd
- Freelance Writer
- Freelance Artist
- Dalemation
- Freelance Writer
- Paragon (Freelance)
- Ground Zero Software
- Axiom Video Services
- AMOS Programmer
- MED Users Group
- Imagine Users Group

OUT SOON

£24.99

GET STARTED CD

It's HERE! Zoom release 2 - now ready and in stock for delivery (at last!). Zoom 2 contains all that's new and great from May 1995 to June 1995. All the best PD/shareware will be found on this CD. We included all the best from our library, submissions, the Aminet, BBS's and other contacts. The difference between this and Zoom 1? Zoom 2 is 99% ready-to-run, set in an excellent Magic WB environment and and much more accesible than its predessor. There is so much on Zoom 2 - utilities, tools, productivity, educational programs, business, games, Magic WB stuff, slideshows, documents and much more. There is also an exclusive 'Get Started' demo on the CD for AGA machines. If you want the very latest PD from every conceivable source - Zoom 2 is for you! Zoom release 1 was one the most popular CD's from Summer 1995. Zoom release 2 will be hotter! Get yours before stocks run low!

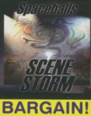
UT NOW!

£19.99

- Greatest & latest PD from May 1995 - June 1996 : Utils, games, slideshows, education, disk mags and more!
  - *including most of this advert and loads of great PD software*
- NEW! Get Started Demo (AGA Machines)
- NEW! All the Professional Sound Samples [50 Disks]
- NEW! Over 25MB+ of read-to-view/use Magic WB icons etc
- NEW! Special 'programming' themed area

ZOOM RELEASE 2

ene Storm is a glorious feast of tempting eye candy produced by the legendary ACEBALLS. Amazing graphic and audio delights to show your friends what the iga can really do! This CD is packed with every major scene production from 5, including all the releases from The Party 5 held in Xmas 95. Exclusive Digital ndy material is also included, ranging from music competition entries to a comte Development suite. Scene Storm features an easy to use Magic Workbench erface that is simple to set up and a joy to use. Much of the contents of Scene orm are presented as ready-to-run files through custom designed icons. No re trawling through archives and filling your hard disk with files. Includes: oductions from over 20 Scene Parties held throughout the world in 1995. All the st demos and intros from the last year, slideshows, music disks, the most popr disk mags and charts. Exclusive modules taken from the coolest demos as l as entries from Digital Candy BBS Music Competitions. A complete development suite that will allow you to learn how to code your own demos. Development s are included along with exclusive and easy to follow source code. All purasers of Scene Storm that own a modem can register to qualify for 3 months e downloading of the latest scene files from Digital Candy Bulletin Board. This uld normally cost £15. This BBS is classed as *the* 'scene' board in the UK! ce your order now as this will be the hottest selling CD throughout Europe!



BARGAIN!

£9.99

miga Format	- 90%	- (Gold Award)
U Amiga	- 91%	- "This is a must for all demo fans"
miga Computing	- 89%	- "...good value for money"

SPACEBALLS SCENE STORM

Sick of the run-of-the-mill old PD CD releases containg collections from pre-1995?!? This CD contains the complete collection of F1 Licenceware titles from F1-001 to F1-100. Over 100 titles or more than 200 disks! This CD is worth well over £500, if the disks were bought separately. There is something for everyone on the CD - games, utilities, tools, professional clipart and music, beginners guides, educational programs and much more. Some superb material is contained within this CD-Rom: Blackboard v3 (image manipulation), Ultimate Quiz 2 (general quiz), Word Plus Pro (originally valued at £15!), Fortress (strategy God game), Relics of Deldroneye (voted best PD game ever by Amiga Format), ERIC (voted second best PD game ever), Powerbase (databse program), GRAC (superb 'Monkey Island' style adventure game creator with 000's of copies sold on floppy). Introduction to WB (best selling F1 Title), Absolute Beginners Guide to AMOS, Junior Artist (kids paint package) or Tots Time (one of many kids educational programs). Use some of the professional music within your games, with no extra charges. What about the clipart for your DTP documents? AMOS programmers have a field day with this CD - AMOSzine, guide to AMOS and AMOS supplements. Something for everyone. With a very easy to use AmigaGuide© interface with 80% of the programs running straight from the CD. Remember that the programs are commercial, with copyright owned by F1 Licenceware. **All programmers receive a royalty for every CD sold.**

BARGAIN!

£9.99

F1 LICENCEWARE CD VOL 1

Send your order to:
tive Software, PO Box 151,
rlington, County Durham,
3 8YT, ENGLAND.
☎ +44 (0)1325 352260
active@enterprise.net

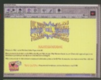
Add 75p overall postage for CD's, £3 for the modem option (1st class post). Orders outside UK add £1.00 on every CD for postage (modem option for UK purchasers only). Make cheques/P.O.'s payable to Active Software and send to the address listed opposite. We can accept credit or debit card orders. For any additional information call us ASAP! NetConnect floppy disk version should be available NOW - the CD version will be out within early September.

We stock many other compact discs. If you do not see what you want listed call us for possible availability. New CD's arriving daily!

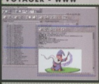
Remember we will match and try to beat any compact disc price listed within this magazine. Call for details! CD must be in stock.

Want to get 'net connected?

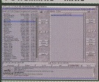
- **AMITCP v4.3 DIALUP** NEW
  [NEW!! FULL TCP CLIENT]
- **VOYAGER v1.1** NEW
  [EXCLUSIVE!! NEW WWW CLIENT]
- **POWER MAIL** NEW
  [SUPERB NEW MAIL CLIENT]
- **AmFTP**
  [THE INDUSTRY STANDARD FTP CLIENT]
- **AmIRC**
  [THE INDUSTRY STANDARD IRC CLIENT]
- **mNEWS v1** NEW
  [NEWS CLIENT]
- **AmTelnet** NEW
  [TELNET CLIENT - BY AMFTP AUTHOR!]
- **mFinger** NEW
  [FINGER CLIENT]
- **MUI 3.6 (Shareware)** NEW
- **TRACEROUTE & PING**
- **& CD 'extras' (call for info!)**



VOYAGER - WWW



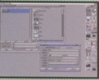
POWERMAIL - MAIL



AMFTP - FTP

MNEWS - NEWS

AMIRC - IRC



ICON BAR EDITOR GUI

AMITCP CONTROL GUI

EASIER THAN ABC!
a. Choose your country
b. Choose an ISP
c. Input a few variables

Wanting to get onto the Internet? NetConnect gives you all you need to get onto and use the Internet. Containing a suite of **commercially licenced** software you won't find an interface as easy-to-use as NetConnect's! We have spoken at length to so many of our customers about getting onto the Internet - we know exactly what you need and what you want. You want software you can USE - not shareware but commercial software, you want the hassle taken out of the installation and you want a suite of the very **best** Amiga Internet software. Indeed, to make NetConnect the very best we organised programmers to enhance their software - so you get previously non-released software. NetConnect contains a full TCP client worth over £35 in itself! You can save masses of £££'s from buying NetConnect as there is no need to licence the Internet software - full versions all licenced for you!

NetConnect's GUI does more than control/manage AmiTCP! It also gives you a completely editable icon bar (see pics), a "Tools Daemon" style menu system and also a time accumulator (which allows you to monitor time on the Internet and costs (which are much cheaper than people think!). No other Internet pack meets the specifications of NetConnect! Ask for a demo version for proof!

Modem Offer & Specifications *28.8 Modem!*

- 28800 bps DATA/FAX modem - true v34
- Group 1, 2 & 3 send/receive FAX
- Voice Mode allows DTE to record and playback voice
- Enhanced ADPCM coding - storage of digitized voice messages
- Auto mode detection allows modem to connect with a modem that is configured for differing connection modes
- Extended AT command set
- BT and CE Approved
- Amiga serial cable included
- Full "get started" documentation
- 5 year warranty - also undergone rigorous Amiga tests

Save over £30 with Enterprise!

Buy NetConnect and you do NOT pay the normal setup fee for connection to Enterprise (£28 ex VAT) AND you get a month's FREE access (worth £8 ex VAT) if you pay by card! A saving of over **£30!**

NetConnect Software 3.5inch Disks	£ 54.95
NetConnect Software CD version	£ 54.95
28,800 Modem	£149.95
28,800 Modem & NetConnect (CD or Disks)	£169.95

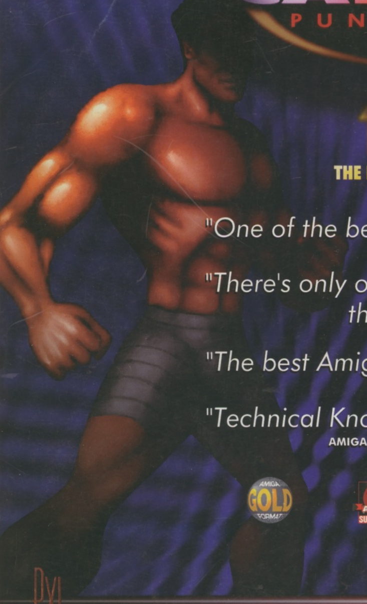
[Complete modem and Internet suite - Super Bargain!!]
All prices include VAT. See box opposite for delivery charges

*Supported by ISP's *Worldwide**

NetConnect allows you to select your country then select an ISP (easy!) - we have about 107 ISP's listed from over 30 different countries (28 from the UK!). Nearly 100% of the WORLD is covered for any user who wants to buy NetConnect! No problem!

active SOFTWARE

CAPITAL PUNISHMENT



1996

THE HIGHEST RATED GAME

"One of the best games ever"
AMIGA COMPUTING

"There's only one word for the graphics - superb!"
AMIGA FORMAT

"The best Amiga fighting game ever"
AMIGA GAMES , Germany

"Technical Knock-Out!"
AMIGA JOKER , Germany

AMIGA GOLD FORMAT

AMIGA SUPERSTAR

AWARD Games

MEGA HIT

PXL
PXL computers

CLICK BOOM

clkboom@io.org www.io.org/~clkboom/amiga/

ACTUAL AGA AMIGA SCREENSHOTS